

Common University Entrance Test (PG)

CUET PG 2023 Question Paper

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Question Paper Name :	Soil Science Soil and Water Conservation Eng 10th June 2023 Shift 2
Subject Name :	Soil Science Soil and Water Conservation Eng
Creation Date :	2023-06-10 20:47:24
Duration :	120
Total Marks :	400
Display Marks:	Yes

Soil Science Soil and Water Conservation

Group Number :	1
Group Id :	92090695
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	400
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

Part A

Section Id :	920906189
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	21
Number of Questions to be attempted :	21
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	920906308
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Id : 9209069517 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Question Numbers : (1 to 5)

Question Label : Comprehension

Read the following passage and answer the next five questions by choosing the correct option:

Mara, a 24-year-old university student, seeks help for anxiety. She describes feeling paralyzed when thinking about climate change and the future; Leon, 51 and a father of three, requests treatment for panic attacks. They started last year after he and his family evacuated their home again due to wildfires; Isabel, a 16-year-old climate activist, wants support due to ruminating about the climate crisis to the extent that she can't focus on schoolwork.

The opening vignettes demonstrate that the climate change crisis is taking a toll on people's mental health. Uncertainty, unpredictability, and uncontrollability are three fundamental characteristics of climate change. Recent reviews have shown that the negative impacts of climate change are complex, manifest cognitively, emotionally, and physically and affect behaviours, relationships, and overall well-being. One such manifestation is anxiety related to the ongoing anthropogenic climate change or ecological doom, referred to as eco-anxiety.

The condition overlaps with other mental health disorders in the form of negative, and automatic reactions to a felt threat. However, most empirical studies on eco-anxiety to date surveyed the low-risk groups with smaller and unrepresentative samples. Rigorous research is needed to more completely understand it, clarify its distinct characteristics and contextual factors, and articulate its relationship with other mental health conditions.

Experiences of eco-anxiety often include dystopian thoughts and apocalyptic perceptions about the future, negative and sometimes intense emotions such as fear, anger, guild, grief, and despair, as well as behavioural manifestations such as insomnia and panic attacks. Causes and triggers of eco-anxiety vary from direct exposure to traumatic extreme weather events like floods, hurricanes, and wildfires to maladaptation to long-term environmental changes like land loss, water scarcity, and pollution. It can also manifest in individuals without direct experience of climate change, simply from the awareness of the potential existential threat it presents.

Health professionals are improving ways to communicate climate concerns. Their voices are imperative for climate change communication and transformation. However, the urgency and complexity of ecological and climate crisis demand an interdisciplinary approach. Other disciplines can help advance these efforts by providing opportunities for innovative thinking and practice, such as with a sociological perspective regarding structures and connections in society; a political scientific approach to tension, conflict, and social movement; and communication strategies for patient-provider interaction, social support, community outreach, and public engagement.

Media coverage of ecological crisis can evoke eco-anxiety. Current messages about climate change are overwhelmingly negative, both linguistically and visually, contributing to a sense of doom and gloom. Hope is central to humanity's survival and flourishing. Yet some caution that hope alone is not a panacea.

Sub questions

Question Number : 1 Question Id : 9209069518 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Based on the information in the passage, it can be inferred that all of the following statements are true EXCEPT:

(A) An interdisciplinary approach is required to facilitate communication regarding climate change crisis.

(B) Linguistic and visual media provokes eco-anxiety.

(C) Eco-anxiety, its characteristics and context have been fully understood through extensive research.

(D) The negative impacts of climate change affect behaviour, relationships and overall well-being.

Choose the correct answer from the options given below :

(1) (A) only

(2) (B) only

(3) (C) only

(4) (D) only

Options :

92090637601. 1

92090637602. 2

92090637603. 3

92090637604. 4

Question Number : 2 Question Id : 9209069519 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match the words in List I with their meanings in List II :

	List I		List II
(A)	Apocalyptic	(I)	Related to human existence
(B)	Dystopian	(II)	Short piece of writing or acting about a person, place or event
(C)	Existential	(III)	Prophesying a disaster or total destruction
(D)	Vignettes	(IV)	Relationship to an imagined society in which there is suffering and injustice

Choose the correct answer from the options given below:

(1) (A)-(IV), (B)-(III), (C)-(II), (D)-(I)

(2) (A)-(III), (B)-(II), (C)-(IV), (D)-(I)

(3) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)

(4) (A)-(IV), (B)-(I), (C)-(III), (D)-(II)

Options :

92090637605. 1

92090637606. 2

92090637607. 3

92090637608. 4

Question Number : 3 Question Id : 9209069520 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

"Hope is central to humanity's survival and flourishing. Yet some caution that hope alone is not a panacea".

Through the underlined segment the writer is trying to:

(1) instil fear about the seriousness of the problem of Eco-anxiety

(2) warn that issue of Eco-anxiety can't be taken lightly or ignored.

(3) assure that hope will resolve the issue of Eco-anxiety.

(4) mock the idea that hope and an optimistic approach can resolve the issue of Eco-anxiety.

Options :

92090637609. 1

92090637610. 2

92090637611. 3

92090637612. 4

Question Number : 4 Question Id : 9209069521 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II to complete the information on the basis of your reading from the passage.

	List I		List II
(A)	Manifestation of the negative impact of climate change	(I)	Intense emotions like fear, grief, anger and lusomnia
(B)	Experience of Eco-anxiety includes	(II)	Exposure to extreme weather and maladaptation to environmental changes
(C)	Triggers of Eco-anxiety	(III)	Uncertainty, Unpredictability, uncontrollability
(D)	Fundamental characteristics of climate change	(IV)	Cognitive, emotional and physical

Choose the correct answer from the options given below:

(1) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)
(2) (A)-(IV), (B)-(II), (C)-(III), (D)-(I)
(3) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)
(4) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)

Options :

92090637613. 1
92090637614. 2
92090637615. 3
92090637616. 4

Question Number : 5 Question Id : 9209069522 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Eco-anxiety can also manifest in individuals without direct experience of climate change. This happens because of :

(1) their unstable mental health condition
(2) they watch excessively negative media messages
(3) they are fully aware of the potential existential treat it presents
(4) they are poor communicators and do not share their fears with health professionals

Options :

92090637617. 1
92090637618. 2
92090637619. 3
92090637620. 4

Question Id : 9209069517 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Question Numbers : (1 to 5)

Question Label : Comprehension

Read the following passage and answer the next five questions by choosing the correct option:

Mara, a 24-year-old university student, seeks help for anxiety. She describes feeling paralyzed when thinking about climate change and the future; Leon, 51 and a father of three, requests treatment for panic attacks. They started last year after he and his family evacuated their home again due to wildfires; Isabel, a 16-year-old climate activist, wants support due to ruminating about the climate crisis to the extent that she can't focus on schoolwork.

The opening vignettes demonstrate that the climate change crisis is taking a toll on people's mental health. Uncertainty, unpredictability, and uncontrollability are three fundamental characteristics of climate change. Recent reviews have shown that the negative impacts of climate change are complex, manifest cognitively, emotionally, and physically and affect behaviours, relationships, and overall well-being. One such manifestation is anxiety related to the ongoing anthropogenic climate change or ecological doom, referred to as eco-anxiety.

The condition overlaps with other mental health disorders in the form of negative, and automatic reactions to a felt threat. However, most empirical studies on eco-anxiety to date surveyed the low-risk groups with smaller and unrepresentative samples. Rigorous research is needed to more completely understand it, clarify its distinct characteristics and contextual factors, and articulate its relationship with other mental health conditions.

Experiences of eco-anxiety often include dystopian thoughts and apocalyptic perceptions about the future, negative and sometimes intense emotions such as fear, anger, guild, grief, and despair, as well as behavioural manifestations such as insomnia and panic attacks. Causes and triggers of eco-anxiety vary from direct exposure to traumatic extreme weather events like floods, hurricanes, and wildfires to maladaptation to long-term environmental changes like land loss, water scarcity, and pollution. It can also manifest in individuals without direct experience of climate change, simply from the awareness of the potential existential threat it presents.

Health professionals are improving ways to communicate climate concerns. Their voices are imperative for climate change communication and transformation. However, the urgency and complexity of ecological and climate crisis demand an interdisciplinary approach. Other disciplines can help advance these efforts by providing opportunities for innovative thinking and practice, such as with a sociological perspective regarding structures and connections in society; a political scientific approach to tension, conflict, and social movement; and communication strategies for patient-provider interaction, social support, community outreach, and public engagement.

Media coverage of ecological crisis can evoke eco-anxiety. Current messages about climate change are overwhelmingly negative, both linguistically and visually, contributing to a sense of doom and gloom. Hope is central to humanity's survival and flourishing. Yet some caution that hope alone is not a panacea.

Sub questions

Question Number : 1 Question Id : 9209069518 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Based on the information in the passage, it can be inferred that all of the following statements are true EXCEPT:

(A) An interdisciplinary approach is required to facilitate communication regarding climate change crisis.

(B) Linguistic and visual media provokes eco-anxiety.

(C) Eco-anxiety, its characteristics and context have been fully understood through extensive research.

(D) The negative impacts of climate change affect behaviour, relationships and overall well-being.

Choose the correct answer from the options given below :

(1) (A) only

(2) (B) only

(3) (C) only

(4) (D) only

Options :

92090637601. 1

92090637602. 2

92090637603. 3

92090637604. 4

Question Number : 2 Question Id : 9209069519 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match the words in List I with their meanings in List II :

	List I		List II
(A)	Apocalyptic	(I)	Related to human existence
(B)	Dystopian	(II)	Short piece of writing or acting about a person, place or event
(C)	Existential	(III)	Prophesying a disaster or total destruction
(D)	Vignettes	(IV)	Relationship to an imagined society in which there is suffering and injustice

Choose the correct answer from the options given below:

(1) (A)-(IV), (B)-(III), (C)-(II), (D)-(I)

(2) (A)-(III), (B)-(II), (C)-(IV), (D)-(I)

(3) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)

(4) (A)-(IV), (B)-(I), (C)-(III), (D)-(II)

Options :

92090637605. 1

92090637606. 2

92090637607. 3

92090637608. 4

Question Number : 3 Question Id : 9209069520 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

"Hope is central to humanity's survival and flourishing. Yet some caution that hope alone is not a panacea".

Through the underlined segment the writer is trying to:

(1) instil fear about the seriousness of the problem of Eco-anxiety

(2) warn that issue of Eco-anxiety can't be taken lightly or ignored.

(3) assure that hope will resolve the issue of Eco-anxiety.

(4) mock the idea that hope and an optimistic approach can resolve the issue of Eco-anxiety.

Options :

92090637609. 1

92090637610. 2

92090637611. 3

92090637612. 4

Question Number : 4 Question Id : 9209069521 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II to complete the information on the basis of your reading from the passage.

	List I		List II
(A)	Manifestation of the negative impact of climate change	(I)	Intense emotions like fear, grief, anger and lusomnia
(B)	Experience of Eco-anxiety includes	(II)	Exposure to extreme weather and maladaptation to environmental changes
(C)	Triggers of Eco-anxiety	(III)	Uncertainty, Unpredictability, uncontrollability
(D)	Fundamental characteristics of climate change	(IV)	Cognitive, emotional and physical

Choose the correct answer from the options given below:

(1) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)
(2) (A)-(IV), (B)-(II), (C)-(III), (D)-(I)
(3) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)
(4) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)

Options :

92090637613. 1
92090637614. 2
92090637615. 3
92090637616. 4

Question Number : 5 Question Id : 9209069522 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Eco-anxiety can also manifest in individuals without direct experience of climate change. This happens because of :

(1) their unstable mental health condition
(2) they watch excessively negative media messages
(3) they are fully aware of the potential existential treat it presents
(4) they are poor communicators and do not share their fears with health professionals

Options :

92090637617. 1
92090637618. 2
92090637619. 3
92090637620. 4

Sub-Section Number : 2
Sub-Section Id : 920906309

Question Shuffling Allowed : Yes
Is Section Default? : null

Question Number : 6 Question Id : 9209069523 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Match the blanks in List I with the appropriate phrasal verb in List II :

	List I		List II
(A)	Students usually speak French during class by occasionally ____ English.	(I)	fell-out
(B)	The English professor wanted to ___ the importance of additional reading to his students	(II)	lapse into
(C)	Capital punishment was___ several years ago in Britain.	(III)	done away with
(D)	I ____ with my brother over a trifle.	(IV)	drive home

Choose the correct answer from the options given below:

(1) (A)-(III), (B)-(II), (C)-(I), (D)-(IV)
(2) (A)-(II), (B)-(IV), (C)-(I), (D)-(III)
(3) (A)-(I), (B)-(IV), (C)-(II), (D)-(III)
(4) (A)-(II), (B)-(IV), (C)-(III), (D)-(I)

Options :
92090637621. 1
92090637622. 2
92090637623. 3
92090637624. 4

Question Number : 6 Question Id : 9209069523 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Match the blanks in List I with the appropriate phrasal verb in List II :

	List I		List II
(A)	Students usually speak French during class by occasionally ____ English.	(I)	fell-out
(B)	The English professor wanted to ___ the importance of additional reading to his students	(II)	lapse into
(C)	Capital punishment was___ several years ago in Britain.	(III)	done away with
(D)	I ____ with my brother over a trifle.	(IV)	drive home

Choose the correct answer from the options given below:

(1) (A)-(III), (B)-(II), (C)-(I), (D)-(IV)

(2) (A)-(II), (B)-(IV), (C)-(I), (D)-(III)

(3) (A)-(I), (B)-(IV), (C)-(II), (D)-(III)

(4) (A)-(II), (B)-(IV), (C)-(III), (D)-(I)

Options :

92090637621. 1

92090637622. 2

92090637623. 3

92090637624. 4

Question Number : 7 Question Id : 9209069524 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The correctly spelt word from the given options is:-

(1) IDEOSYNCRASY (2) IDEOSINCRASY

(3) IDIOSYNCRASY (4) IDAOOSYNCRASY

Options :

92090637625. 1

92090637626. 2

92090637627. 3

92090637628. 4

Question Number : 7 Question Id : 9209069524 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The correctly spelt word from the given options is:-

(1) IDEOSYNCRASY
(2) IDEOSINCRASY
(3) IDIOSYNCRASY
(4) IDAOOSYNCRASY

Options :

92090637625. 1

92090637626. 2

92090637627. 3

92090637628. 4

Question Number : 8 Question Id : 9209069525 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Fill in the blanks with appropriate prepositions from the options given below:

ED had filed the fifth chargesheet ___ the case __ May 4 and named Sisodia ___ an accused __ a case concerning irregularities in the excise policy for the first time.

(1) in, on, as, in
(2) in, with, as, in
(3) in, on, with, for
(4) in, on, in, as

Options :

92090637629. 1

92090637630. 2

92090637631. 3

92090637632. 4

Question Number : 8 Question Id : 9209069525 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Fill in the blanks with appropriate prepositions from the options given below:

ED had filed the fifth chargesheet ___ the case __ May 4 and named Sisodia ___ an accused __ a case concerning irregularities in the excise policy for the first time.

(1) in, on, as, in
(2) in, with, as, in
(3) in, on, with, for
(4) in, on, in, as

Options :

92090637629. 1

92090637630. 2

92090637631. 3

92090637632. 4

Question Number : 9 Question Id : 9209069526 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

An admirably stylish manner of doing things effortlessly:

(1) Pariah (2) Panache

(3) Perjury (4) Petrology

Options :

92090637633. 1

92090637634. 2

92090637635. 3

92090637636. 4

Question Number : 9 Question Id : 9209069526 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

An admirably stylish manner of doing things effortlessly:

(1) Pariah (2) Panache

(3) Perjury (4) Petrology

Options :

92090637633. 1

92090637634. 2

92090637635. 3

92090637636. 4

Question Number : 10 Question Id : 9209069527 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Synonym of the word 'TRAIT' is :

(1) Symbol (2) Characteristic

(3) Colour (4) Habit

Options :

92090637637. 1

92090637638. 2

92090637639. 3

92090637640. 4

Question Number : 10 Question Id : 9209069527 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Synonym of the word 'TRAIT' is :

(1) Symbol (2) Characteristic

(3) Colour (4) Habit

Options :

92090637637. 1

92090637638. 2

92090637639. 3

92090637640. 4

Question Number : 11 Question Id : 9209069528 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

If $\cos\theta = \frac{10}{26}$, then find the value of $\cot\theta$:

(1) $\frac{12}{25}$ (2) $\frac{5}{12}$

(3) $\frac{12}{5}$ (4) $\frac{6}{5}$

Options :

92090637641. 1

92090637642. 2

92090637643. 3

92090637644. 4

Question Number : 11 Question Id : 9209069528 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

If $\cos\theta = \frac{10}{26}$, then find the value of $\cot\theta$:

(1) $\frac{12}{25}$ (2) $\frac{5}{12}$

(3) $\frac{12}{5}$ (4) $\frac{6}{5}$

Options :

92090637641. 1

92090637642. 2
92090637643. 3
92090637644. 4

Question Number : 12 Question Id : 9209069529 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A journey takes 35 minutes while moving with a speed of 32 km/h. How long would the journey take (in minutes) moving at a speed of 40 km/h?

(1) 28 (2) 24

(3) 30 (4) 33

Options :

92090637645. 1
92090637646. 2
92090637647. 3
92090637648. 4

Question Number : 12 Question Id : 9209069529 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A journey takes 35 minutes while moving with a speed of 32 km/h. How long would the journey take (in minutes) moving at a speed of 40 km/h?

(1) 28 (2) 24

(3) 30 (4) 33

Options :

92090637645. 1
92090637646. 2
92090637647. 3
92090637648. 4

Question Number : 13 Question Id : 9209069530 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Ananya bought a shirt marked for ₹ 1,000 and paid ₹ 714 after availing two successive discounts of 15% and x%. Find the value of x.

(1) 12.5 (2) 15

(3) 16 (4) 20

Options :

92090637649. 1

92090637650. 2
92090637651. 3
92090637652. 4

Question Number : 13 Question Id : 9209069530 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Ananya bought a shirt marked for ₹ 1,000 and paid ₹ 714 after availing two successive discounts of 15% and x%. Find the value of x.

(1) 12.5 (2) 15

(3) 16 (4) 20

Options :

92090637649. 1
92090637650. 2
92090637651. 3
92090637652. 4

Question Number : 14 Question Id : 9209069531 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A cone of height at 24 cm and base radius 6 cm is made of modelling clay. A child reshapes it in the form of a sphere. The radius of the sphere is:

(1) 1 cm (2) 2 cm

(3) 6 cm (4) 8 cm

Options :

92090637653. 1
92090637654. 2
92090637655. 3
92090637656. 4

Question Number : 14 Question Id : 9209069531 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A cone of height at 24 cm and base radius 6 cm is made of modelling clay. A child reshapes it in the form of a sphere. The radius of the sphere is:

(1) 1 cm (2) 2 cm

(3) 6 cm (4) 8 cm

Options :

92090637653. 1
92090637654. 2
92090637655. 3
92090637656. 4

Question Number : 15 Question Id : 9209069532 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A sum of ₹ 7,700 is lent on simple interest in two parts in such a way that the interest on the first part at 20% p.a. for 5 years is equal to the interest on the other part at 9% p.a. for 6 years. Find the smaller part of the sums lent in two parts.

(1) ₹ 2,400 (2) ₹ 5,000

(3) ₹ 5,300 (4) ₹ 2,700

Options :

92090637657. 1
92090637658. 2
92090637659. 3
92090637660. 4

Question Number : 15 Question Id : 9209069532 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A sum of ₹ 7,700 is lent on simple interest in two parts in such a way that the interest on the first part at 20% p.a. for 5 years is equal to the interest on the other part at 9% p.a. for 6 years. Find the smaller part of the sums lent in two parts.

(1) ₹ 2,400 (2) ₹ 5,000

(3) ₹ 5,300 (4) ₹ 2,700

Options :

92090637657. 1
92090637658. 2
92090637659. 3
92090637660. 4

Question Number : 16 Question Id : 9209069533 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which interchange of signs in the equation which when made will make the equation correct.

20 +20 ÷ 20 – 20 × 20 = 20

(1) + and ÷
(2) + and –
(3) + and ×
(4) × and ÷

Options :

92090637661. 1

92090637662. 2

92090637663. 3

92090637664. 4

Question Number : 16 Question Id : 9209069533 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which interchange of signs in the equation which when made will make the equation correct.

20 +20 ÷ 20 – 20 × 20 = 20

(1) + and ÷
(2) + and –
(3) + and ×
(4) × and ÷

Options :

92090637661. 1

92090637662. 2

92090637663. 3

92090637664. 4

Question Number : 17 Question Id : 9209069534 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which value can come at place of ?, which will give same relationship on the left and right side of :: ?

5369 : 4258 :: 9875 : ?

(1) 8763
(2) 8764
(3) 7764
(4) 7763

Options :

92090637665. 1

92090637666. 2

92090637667. 3

92090637668. 4

Question Number : 17 Question Id : 9209069534 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which value can come at place of ?, which will give same relationship on the left and right side of :: ?

5369 : 4258 :: 9875 : ?

(1) 8763 (2) 8764

(3) 7764 (4) 7763

Options :

92090637665. 1

92090637666. 2

92090637667. 3

92090637668. 4

Question Number : 18 Question Id : 9209069535 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Milind said to Monu, "That boy playing is the younger of two brothers of the daughter of my father's wife". How is the boy who is playing is related to Milind:

(1) Brother (2) Brother-in-law

(3) Son (4) Cousin

Options :

92090637669. 1

92090637670. 2

92090637671. 3

92090637672. 4

Question Number : 18 Question Id : 9209069535 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Milind said to Monu, "That boy playing is the younger of two brothers of the daughter of my father's wife". How is the boy who is playing is related to Milind:

(1) Brother (2) Brother-in-law

(3) Son (4) Cousin

Options :

92090637669. 1

92090637670. 2

92090637671. 3
92090637672. 4

Question Number : 19 Question Id : 9209069536 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Consider the statement and decide which of the assumption is implicit in the statement:

Statement : A physics teacher in the class announced to keep a copy of "Principles of physics" written by Haliday Resnick.

Assumptions:

(I) Every student can afford to buy the book.

(II) The book is well-written

(1) If only assumption I is implicit
(2) If only assumption II is implicit
(3) If neither I nor II is implicit
(4) If both assumption I and II are implicit

Options :

92090637673. 1
92090637674. 2
92090637675. 3
92090637676. 4

Question Number : 19 Question Id : 9209069536 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Consider the statement and decide which of the assumption is implicit in the statement:

Statement : A physics teacher in the class announced to keep a copy of "Principles of physics" written by Haliday Resnick.

Assumptions:

(I) Every student can afford to buy the book.

(II) The book is well-written

(1) If only assumption I is implicit
(2) If only assumption II is implicit
(3) If neither I nor II is implicit
(4) If both assumption I and II are implicit

Options :

92090637673. 1
92090637674. 2
92090637675. 3
92090637676. 4

Question Number : 20 Question Id : 9209069537 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which conclusion would follow on the basis of given statements:

Statements : (A) All pens are chalks.
(B) All chairs are chalks.

Conclusions : (I) Some pens are chairs.
(II) Some chalks are pens.

(1) If conclusion (I) follows
(2) If conclusion (II) follows
(3) If either conclusion (I) or (II) follows
(4) Both conclusion (I) and (II) follows

Options :

92090637677. 1
92090637678. 2
92090637679. 3

92090637680. 4

Question Number : 20 Question Id : 9209069537 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which conclusion would follow on the basis of given statements:

Statements : (A) All pens are chalks.
(B) All chairs are chalks.

Conclusions : (I) Some pens are chairs.
(II) Some chalks are pens.

(1) If conclusion (I) follows

(2) If conclusion (II) follows

(3) If either conclusion (I) or (II) follows

(4) Both conclusion (I) and (II) follows

Options :

92090637677. 1

92090637678. 2

92090637679. 3

92090637680. 4

Question Number : 21 Question Id : 9209069538 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which feature acts as a watershed between the Indus and Gangetic river basins?

(1) Aravalli Ridge (2) Shivalik Hills

(3) Vindhyan Range (4) Satpura Hills

Options :

92090637681. 1

92090637682. 2

92090637683. 3

92090637684. 4

Question Number : 21 Question Id : 9209069538 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which feature acts as a watershed between the Indus and Gangetic river basins?

(1) Aravalli Ridge
(2) Shivalik Hills
(3) Vindhyan Range
(4) Satpura Hills

Options :

92090637681. 1

92090637682. 2

92090637683. 3

92090637684. 4

Question Number : 22 Question Id : 9209069539 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

List I (Name of committee)	List II (Various sector of India Economy)
(A) Bimal Jalan Committee	(I) Corporate Governance
(B) Birla Committee	(II) Improving national highways in India
(C) S R Harhim Committee	(III) Urban poverty
(D) Chaturvedi	(IV) Market infrastructure Instruments

Choose the correct answer from the options given below:

(1) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)
(2) (A)-(I), (B)-(IV), (C)-(III), (D)-(II)
(3) (A)-(IV), (B)-(I), (C)-(III), (D)-(II)
(4) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)

Options :

92090637685. 1

92090637686. 2

92090637687. 3

92090637688. 4

Question Number : 22 Question Id : 9209069539 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

List I (Name of committee)		List II (Various sector of India Economy)	
(A)	Bimal Jalan Committee	(I)	Corporate Governance
(B)	Birla Committee	(II)	Improving national highways in India
(C)	S R Harhim Committee	(III)	Urban poverty
(D)	Chaturvedi	(IV)	Market infrastructure Instruments

Choose the correct answer from the options given below:

(1) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)
(2) (A)-(I), (B)-(IV), (C)-(III), (D)-(II)
(3) (A)-(IV), (B)-(I), (C)-(III), (D)-(II)
(4) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)

Options :

92090637685. 1
92090637686. 2
92090637687. 3
92090637688. 4

Question Number : 23 Question Id : 9209069540 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

'Digi Yatra' facility has been implemented at ____ in the country.

(1) Railway station
(2) Airport
(3) Inter State Bus Terminal(ISBT)
(4) Port

Options :

92090637689. 1
92090637690. 2
92090637691. 3
92090637692. 4

Question Number : 23 Question Id : 9209069540 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

'Digi Yatra' facility has been implemented at ____ in the country.

(1) Railway station (2) Airport

(3) Inter State Bus Terminal(ISBT) (4) Port

Options :

92090637689. 1

92090637690. 2

92090637691. 3

92090637692. 4

Question Number : 24 Question Id : 9209069541 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements :

Statement I : Gross Domestic product (GDP) is the final value of the goods and services produced within the geographical boundaries of a country during a year.

Statement II : Net Domestic Product (NDP) equals to the GDP plus depreciation (value loss of an asset) on country capital goods

In the light of the above statements, choose the most appropriate answer from the options given below :

(1) Both Statement I and Statement II are correct

(2) Both Statement I and Statement II are incorrect

(3) Statement I is correct but Statement II is incorrect

(4) Statement I is incorrect but Statement II is correct

Options :

92090637693. 1

92090637694. 2

92090637695. 3

92090637696. 4

Question Number : 24 Question Id : 9209069541 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements :

Statement I : Gross Domestic product (GDP) is the final value of the goods and services produced within the geographical boundaries of a country during a year.

Statement II : Net Domestic Product (NDP) equals to the GDP plus depreciation (value loss of an asset) on country capital goods

In the light of the above statements, choose the most appropriate answer from the options given below :

(1) Both Statement I and Statement II are correct

(2) Both Statement I and Statement II are incorrect

(3) Statement I is correct but Statement II is incorrect

(4) Statement I is incorrect but Statement II is correct

Options :

92090637693. 1

92090637694. 2

92090637695. 3

92090637696. 4

Question Number : 25 Question Id : 9209069542 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The 'GEM' portal of Government of India deals with _____

(1) Public Procurement

(2) Distance learning

(3) Tele medicine

(4) Aadhar based digital signature

Options :

92090637697. 1

92090637698. 2

92090637699. 3

92090637700. 4

Question Number : 25 Question Id : 9209069542 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The 'GEM' portal of Government of India deals with _____

(1) Public Procurement
(2) Distance learning
(3) Tele medicine
(4) Aadhar based digital signature

Options :

92090637697. 1
92090637698. 2
92090637699. 3
92090637700. 4

Part B: Soil Science Soil and Water Conservation

Section Id :	920906190
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	75
Number of Questions to be attempted :	75
Section Marks :	300
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	920906310
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 26 Question Id : 9209069543 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The angle that the electromagnetic radiation reflected from a surface makes with the normal to the surface is called

(1) Angle of depression
(2) Angle of reflection
(3) Angle of Incidence
(4) Albedo

Options :

92090637701. 1
92090637702. 2
92090637703. 3
92090637704. 4

Question Number : 26 Question Id : 9209069543 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

एक सतह के अभिलंब के साथ सतह से परावर्तित विद्युत चुम्बकीय विकिरण जो कोण बनाती है, उसे क्या कहते हैं?

(1) अवनमन कोण
(2) परावर्तन कोण
(3) आपतन कोण
(4) श्विति (एल्बिडो)

Options :

92090637701. 1
92090637702. 2
92090637703. 3
92090637704. 4

Question Number : 27 Question Id : 9209069544 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which one among following is not a componets of GIS?

(1) Software
(2) Hardware
(3) People
(4) Sensor

Options :

92090637705. 1
92090637706. 2
92090637707. 3
92090637708. 4

Question Number : 27 Question Id : 9209069544 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन जी आई एस (GIS) का घटक नहीं है?

(1) मृदु सामग्री
(2) यन्त्र सामग्री
(3) लोग (पब्लिक)
(4) संवेदक

Options :

92090637705. 1
92090637706. 2
92090637707. 3
92090637708. 4

Question Number : 28 Question Id : 9209069545 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The flow towords a drain / well where the direction of flow at every point is towards or from some point on the axis of symmetry of the drain / well system is known as –

(1) Radial flow
(2) Horizontal flow
(3) Tangential flow
(4) Axial flow

Options :

92090637709. 1

92090637710. 2

92090637711. 3

92090637712. 4

Question Number : 28 Question Id : 9209069545 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

एक अपवाहिका/कूप की ओर प्रवाह, जहाँ प्रवाह की दिशा प्रत्येक बिन्दु पर अपवाहिका/कूप प्रणाली की सममिति के अक्ष पर किसी बिन्दु की ओर/ से होती है, उसे जाना जाता है –

(1) त्रिज्यीय प्रवाह
(2) क्षैतिज प्रवाह
(3) स्पर्श रेखीय प्रवाह
(4) अक्षीय प्रवाह

Options :

92090637709. 1

92090637710. 2

92090637711. 3

92090637712. 4

Question Number : 29 Question Id : 9209069546 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Well yields depend on the properties of aquifers. One among the following is incorrect.

(1) Hydraulic conductivity
(2) Transmissivity
(3) Specific yield / storage coefficient
(4) Method of well construction

Options :

92090637713. 1

92090637714. 2

92090637715. 3

92090637716. 4

Question Number : 29 Question Id : 9209069546 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

जलभृतों के गुणधर्म पर कूप लब्धि निर्भर करती है। निम्नलिखित में से कौन एक गलत है?

(1) जलदृढ़ी चालकता
(2) पारगम्यता
(3) विशिष्ट लब्धि/भंडारण गुणांक
(4) कूप निर्माण की विधि

Options :

92090637713. 1
92090637714. 2
92090637715. 3
92090637716. 4

Question Number : 30 Question Id : 9209069547 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

One among the following is not a part / component of a drip irrigation system. Identify it.

(1) Main
(2) Laterals
(3) Sub-main
(4) Siphon tube

Options :

92090637717. 1
92090637718. 2
92090637719. 3
92090637720. 4

Question Number : 30 Question Id : 9209069547 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

किसी बूँद सिंचाई प्रणाली का एक भाग/घटक निम्नलिखित में से एक नहीं है। इसे पहचानिए।

(1) प्रमुख
(2) उप-प्रमुख
(3) पार्श्विक
(4) नाल नली

Options :

92090637717. 1
92090637718. 2
92090637719. 3

92090637720. 4

Question Number : 31 Question Id : 9209069548 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Electromagnetic radiation from sun interacts with the atmospheric constituents and gets diffused in many directions, the resultant radiation is

(1) Absorption
(2) Scattered radiation
(3) Reflected radiation
(4) Transmitted radiation

Options :

92090637721. 1

92090637722. 2

92090637723. 3

92090637724. 4

Question Number : 31 Question Id : 9209069548 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूर्य से विद्युत चुम्बकीय विकिरण पर्यावरणीय संघटकों के साथ पारस्परिक क्रिया करता है और कई दिशाओं में विसारित हो जाता है। परिणामी विकिरण है :

(1) अवशोषण
(2) प्रकीर्ण विकिरण
(3) परावर्तित विकिरण
(4) पारगत विकिरण

Options :

92090637721. 1

92090637722. 2

92090637723. 3

92090637724. 4

Question Number : 32 Question Id : 9209069549 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Recording the characteristics of aquifer material while drilling is known as-

(1) Well drilling
(2) Well development
(3) Well logging
(4) Well cleaning

Options :

92090637725. 1

92090637726. 2

92090637727. 3
92090637728. 4

Question Number : 32 Question Id : 9209069549 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

वेधन के समय जलभृत सामग्री की विशेषताओं का अभिलेखन किस रूप में जाना जाता है?

(1) कूप वेधन
(2) कूप विकास
(3) कूप लॉगिंग
(4) कूप स्वच्छीकरण

Options :

92090637725. 1
92090637726. 2
92090637727. 3
92090637728. 4

Question Number : 33 Question Id : 9209069550 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

	List I		List II
(A)	Open Well	(I)	Darcy's law
(B)	Dug-cum-bore well	(II)	Well spacing
(C)	Well interference	(III)	Recuperation test
(D)	Ground water flow	(IV)	Bore at the bottom of open well

Choose the correct answer from the options given below :

(1) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)
(2) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)
(3) (A)-(II), (B)-(III), (C)-(I), (D)-(IV)
(4) (A)-(II), (B)-(I), (C)-(IV), (D)-(III)

Options :

92090637729. 1
92090637730. 2
92090637731. 3
92090637732. 4

Question Number : 33 Question Id : 9209069550 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

सूची-I के साथ सूची-II का मिलान कीजिए :

	सूची-I		सूची-II
(A)	खुला कुँआ	(I)	डार्सी का नियम
(B)	खुदा हुआ–सह–वेध कूप	(II)	कूप अन्तरालन
(C)	कूप व्यतिकरण	(III)	प्रतिप्राप्ति परीक्षण
(D)	भूजल प्रवाह	(IV)	खुले कूप के अधोभाग पर वेधित

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

(1) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)
(2) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)
(3) (A)-(II), (B)-(III), (C)-(I), (D)-(IV)
(4) (A)-(II), (B)-(I), (C)-(IV), (D)-(III)

Options :
92090637729. 1
92090637730. 2
92090637731. 3
92090637732. 4

Question Number : 34 Question Id : 9209069551 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Given below are two statements :

Statement I : Heavy textured soils are commonly very difficult to drain resulting into reduced trafficability.

Statement II : The hydraulic conductivity 'K' is very very high in heavy textured soils.

In the light of the above statements, choose the correct answer from the options given below:

(1) Both Statement I and Statement II are true

(2) Both Statement I and Statement II are false

(3) Statement I is true but Statement II is false

(4) Statement I is false but Statement II is true

Options :

92090637733. 1
92090637734. 2
92090637735. 3
92090637736. 4

Question Number : 34 Question Id : 9209069551 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं :

कथन I : भारी संव्यूति वाली मृदाएँ सामान्यतः निष्कासन करने में अत्यन्त कठिन होती हैं जिसके फलस्वरूप यातायात सामर्थ्य कम हो जाता है।

कथन II : भारी संव्यूति वाली मृदाओं में जलदृढ़ी चालकता 'K' अत्यन्त उच्च होती है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

(1) कथन I और II दोनों सही हैं

(2) कथन I और II दोनों गलत हैं

(3) कथन I सही है, लेकिन कथन II गलत है

(4) कथन I गलत है, लेकिन कथन II सही है

Options :

92090637733. 1

92090637734. 2

92090637735. 3

92090637736. 4

Question Number : 35 Question Id : 9209069552 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

	List I		List II
(A)	Open Wells	(I)	Water bearing strate
(B)	Tube Wells	(II)	Screens are not used
(C)	Cavity Wells	(III)	Large diameters
(D)	Filter points	(IV)	Deltaic regions

Choose the correct answer from the options given below :

(1) (A)-(IV), (B)-(II), (C)-(I), (D)-(III)

(2) (A)-(III), (B)-(I), (C)-(II), (D)-(IV)

(3) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)

(4) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)

Options :

92090637737. 1

92090637738. 2

92090637739. 3

92090637740. 4

Question Number : 35 Question Id : 9209069552 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची-I के साथ सूची-II का मिलान कीजिए :

	सूची-I		सूची-II
(A)	खुला कूप	(I)	जल वहन संस्तर
(B)	नली कूप	(II)	रक्षावरण प्रयुक्त नहीं होते हैं।
(C)	विवर कूप	(III)	बृहत् व्यास
(D)	निस्यंदक बिन्दु	(IV)	त्रिकोणाकार क्षेत्र

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

(1) (A)-(IV), (B)-(II), (C)-(I), (D)-(III)

(2) (A)-(III), (B)-(I), (C)-(II), (D)-(IV)

(3) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)

(4) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)

Options :

92090637737. 1

92090637738. 2

92090637739. 3

92090637740. 4

Question Number : 36 Question Id : 9209069553 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The hydrologic design of permanent gully control structures is done by computing the runoff rate for _____ years return period.

(1) 10 to 15 (2) 15 to 20

(3) 20 to 25 (4) 25 to 30

Options :

92090637741. 1

92090637742. 2

92090637743. 3

92090637744. 4

Question Number : 36 Question Id : 9209069553 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

स्थायी अवनलिका नियन्त्रण संरचना का जलदृढ़ी अभिकल्प _____ वर्षों के प्रत्यावर्तन अवधि में वाह दर के परिकलन द्वारा किया जाता है।

(1) 10 से 15 (2) 15 से 20

(3) 20 से 25 (4) 25 से 30

Options :

92090637741. 1

92090637742. 2

92090637743. 3

92090637744. 4

Question Number : 37 Question Id : 9209069554 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The pump is run at constant discharge for _____ for recovery test on a well.

(1) 3 to 6 hours (2) 6 to 12 hours

(3) 12 to 24 hours (4) 24 to 48 hours

Options :

92090637745. 1

92090637746. 2

92090637747. 3

92090637748. 4

Question Number : 37 Question Id : 9209069554 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

किसी कूप पर प्रत्यादान परीक्षण हेतु सुदीर्घ काल _____ के लिए नियत स्राव पर एक दमकल (पंप) चलाया जाता है।

(1) 3 से 6 घंटे (2) 6 से 12 घंटे

(3) 12 से 24 घंटे (4) 24 से 48 घंटे

Options :

92090637745. 1

92090637746. 2

92090637747. 3
92090637748. 4

Question Number : 38 Question Id : 9209069555 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Drainage cofficent is defined as the depth of water in cm to be removed in _____ hours period from drainage area.

(1) 12 (2) 24

(3) 48 (4) 72

Options :

92090637749. 1
92090637750. 2
92090637751. 3
92090637752. 4

Question Number : 38 Question Id : 9209069555 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

अपवाह क्षेत्र से से.मी. में जल की गहनता को _____ की अवधि में अपनीत करने के रूप में अपवाह गुणांक को परिभाषित किया जाता है।

(1) 12 घंटे (2) 24 घंटे

(3) 48 घंटे (4) 72 घंटे

Options :

92090637749. 1
92090637750. 2
92090637751. 3
92090637752. 4

Question Number : 39 Question Id : 9209069556 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

'Water delivery system performance' is measured using the following variables. Identify the incorrect one.

(1) Discharge rate of water deliverd (2) Frequency of water deliverd

(3) Quality of water delivered (4) Duration of water delivery

Options :

92090637753. 1
92090637754. 2
92090637755. 3
92090637756. 4

Question Number : 39 Question Id : 9209069556 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित चरों का प्रयोग करते हुए 'जल प्रदान प्रणाली निष्पादन' का मापन किया जाता है। इनमें से एक गलत को पहचानिए।

(1) प्रदत्त जल का स्राव दर
(2) प्रदत्त जल की आवृत्ति
(3) प्रदत्त जल की गुणवत्ता
(4) प्रदत्त जल की अवधि

Options :

92090637753. 1
92090637754. 2
92090637755. 3
92090637756. 4

Question Number : 40 Question Id : 9209069557 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements : One is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : Observation wells in an aquifer with high hydraulic conductivity should be placed farther from the pumping well.

Reasons (R) : When the hydraulic conductivity of the pumping well is high, the cone of depression will be wide and flat, resulting into large redius of influence.

In the light of the above statements, choose the most appropriate answer from the options given below :

(1) Both (A) and (R) are correct and (R) is the correct explanation of (A)

(2) Both (A) and (R) are correct but (R) is NOT the correct explanation of (A)

(3) (A) is correct but (R) is not correct

(4) (A) is not correct but (R) is correct

Options :

92090637757. 1
92090637758. 2
92090637759. 3
92090637760. 4

Question Number : 40 Question Id : 9209069557 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं : एक अभिकथन (Assertion (A)) के रूप में लिखित है तो दूसरा उसके कारण (Reasons (R)) के रूप में :

अभिकथन (A) : किसी जलभृत में उच्च जलदृढ़ी चालकता वाले प्रेक्षण कूपों को दमकलन (पंपिंग) कूपों से दूर स्थापित किया जाना चाहिए।

कारण (R) : जब दमकलन (पंपिंग) कूपों की जलदृढ़ी चालकता उच्च होती है, दबाव का अभ्यन्तर चौड़ा एवं सपाट होगा, फलस्वरूप प्रभाव की त्रिज्या बृहत् हो जाएगी।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए

(1) (A) और (R) दोनों सत्य हैं और (R), (A) की सही व्याख्या है

(2) (A) और (R) दोनों सत्य हैं, लेकिन (R), (A) की सही व्याख्या नहीं है

(3) (A) सत्य है, लेकिन (R) असत्य है

(4) (A) असत्य है, लेकिन (R) सत्य है

Options :

92090637757. 1

92090637758. 2

92090637759. 3

92090637760. 4

Question Number : 41 Question Id : 9209069558 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements :

Statement I : Strip cropping decreases the infiltration rate of soil under cover condition.

Statement II : Strip cropping reduces the runoff flowing through the close – growing sod strips.

In the light of the above statements, choose the correct answer from the options given below:

(1) Both Statement I and Statement II are true

(2) Both Statement I and Statement II are false

(3) Statement I is true but Statement II is false

(4) Statement I is false but Statement II is true

Options :
92090637761. 1
92090637762. 2
92090637763. 3
92090637764. 4

Question Number : 41 Question Id : 9209069558 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं :

कथन I : पट्टी सस्यन उपस्थित दशा के अन्तर्गत मृदा की अन्तः स्यंदन दर को कम करती है।

कथन II : पट्टी सस्यन द्वारा सघन वर्धमान सतृण भूखंड पट्टियों के द्वारा वाह प्रवाहन कम हो जाता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

(1) कथन I और II दोनों सत्य हैं

(2) कथन I और II दोनों असत्य हैं

(3) कथन I सत्य है, लेकिन कथन II असत्य है

(4) कथन I असत्य है, लेकिन कथन II सत्य है

Options :

92090637761. 1

92090637762. 2

92090637763. 3

92090637764. 4

Question Number : 42 Question Id : 9209069559 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Amount of water that infiltrates in to the ground, annually in india is equal to_____ million ha m.

(1) 100 (2) 200

(3) 215 (4) 230

Options :

92090637765. 1

92090637766. 2

92090637767. 3

92090637768. 4

Question Number : 42 Question Id : 9209069559 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

भारत में वार्षिक स्तर पर भूमि में अंतः स्यंदित होने वाले जल की मात्रा _____ मिलियन हैक्टेयर-मीटर है।

(1) 100 (2) 200

(3) 215 (4) 230

Options :

92090637765. 1
92090637766. 2
92090637767. 3
92090637768. 4

Question Number : 43 Question Id : 9209069560 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Given below are two statements :

Statement I : Isotropic homogeneous aquifers commonly occur in nature.

Statement II : As a result of stratification, the drawdown observed at a distance from the pumped well may be different for different depths within the aquifers.

In the light of the above statements, choose the correct answer from the options given below :

(1) Both Statement I and Statement II are true

(2) Both Statement I and Statement II are false

(3) Statement I is true but Statement II is false

(4) Statement I is false but Statement II is true

Options :
92090637769. 1
92090637770. 2
92090637771. 3
92090637772. 4

Question Number : 43 Question Id : 9209069560 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं :

कथन I : प्रकृति में समानुवर्ती तथा समांग जलभृत सामान्यतया घटित होते हैं।

कथन II : स्तरण के परिणामस्वरूप दमकलित (पम्प्ड) कूप से कुछ दूरी पर प्रेक्षित द्रोणी अधःपतन जलभृत के अन्दर अलग गहराइयों के लिए भिन्न हो सकता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

(1) कथन I और II दोनों सत्य हैं

(2) कथन I और II दोनों असत्य हैं

(3) कथन I सत्य है, लेकिन कथन II असत्य है

(4) कथन I असत्य है, लेकिन कथन II सत्य है

Options :

92090637769. 1

92090637770. 2

92090637771. 3

92090637772. 4

Question Number : 44 Question Id : 9209069561 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

De-Zeeuew Hellinga Equation in drainage analysis works well for one of the following conditions. Identify the correct option.

(1) Steady state discharge

(2) Unsteady state discharge

(3) Unsteady state discharge with fluctuating water table

(4) None of the above

Options :

92090637773. 1

92090637774. 2

92090637775. 3

92090637776. 4

Question Number : 44 Question Id : 9209069561 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दी गई स्थितियों में से किसी एक के लिए अपवाह विश्लेषण की डी-जीव हेलिंगा समीकरण भली भांति उपयोग में आती है। सही विकल्प का चयन करें।

(1) स्थिर अवस्था स्राव

(2) अस्थिर अवस्था स्राव

(3) जल सारणी उच्चावचन के साथ अस्थिर अवस्था स्राव

(4) उपर्युक्त में से कोई नहीं

Options :

92090637773. 1

92090637774. 2

92090637775. 3

92090637776. 4

Question Number : 45 Question Id : 9209069562 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The amount of water remaining in the soil after sufficient drainage period is a function of _____

(1) Grauitational potential

(2) Matric potential

(3) Osmotic potential

(4) Hygroscopic potential

Options :

92090637777. 1

92090637778. 2

92090637779. 3

92090637780. 4

Question Number : 45 Question Id : 9209069562 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

पर्याप्त अपवाह अवधि के पश्चात् मृदा में शेष बचे जल की मात्रा _____ का प्रकार्य है।

(1) गुरुत्वीय

(2) मेट्रिक

(3) परासरणी विभव

(4) आर्द्रताग्राही

Options :

92090637777. 1

92090637778. 2

92090637779. 3

92090637780. 4

Question Number : 46 Question Id : 9209069563 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements : One is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : In confined and semi-confined aquifers, loss of head caused by pumping propagates faster than in an unconfined aquifer.

Reasons (R) : The release of water from storage is due to compressibility of the aquifer material and that of water.

In the light of the above statements, choose the most appropriate answer from the options given below :

(1) Both (A) and (R) are correct and (R) is the correct explanation of (A)

(2) Both (A) and (R) are correct but (R) is NOT the correct explanation of (A)

(3) (A) is correct but (R) is not correct

(4) (A) is not correct but (R) is correct

Options :

92090637781. 1

92090637782. 2

92090637783. 3

92090637784. 4

Question Number : 46 Question Id : 9209069563 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं :

कथन I : किसी परिरूद्ध तथा अर्ध-परिरूद्ध जलभृत में दमकलन (पंपिंग) के द्वारा कारित शीर्ष की हानि अपरिरूद्ध जलभृत की तुलना में अधिक तेजी से उपजाता है।

कथन II : संग्रहण से जल का मोचन जल की और जलभृत उपादान की सम्पीड्यता के कारण होता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

(1) कथन I और II दोनों सत्य हैं

(2) कथन I और II दोनों असत्य हैं

(3) कथन I सत्य है, लेकिन कथन II असत्य है

(4) कथन I असत्य है, लेकिन कथन II सत्य है

Options :

92090637781. 1

92090637782. 2

92090637783. 3

92090637784. 4

Question Number : 47 Question Id : 9209069564 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Terracing parctice is adopted for soil and water conservation in area with land slope.

(1) Less than 10%

(2) Greater than 10%

(3) Less than 3%

(4) Greater than 3%

Options :

92090637785. 1

92090637786. 2

92090637787. 3

92090637788. 4

Question Number : 47 Question Id : 9209069564 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

मृदा तथा जल संरक्षण के लिए पर्वतीय क्षेत्रों में वेदिका कृषि को कितने ढाल तक किया जाता है।

(1) 10% से कम
(2) 10% से अधिक
(3) 3% से कम
(4) 3% से अधिक

Options :
92090637785. 1
92090637786. 2
92090637787. 3
92090637788. 4

Question Number : 48 Question Id : 9209069565 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Given below are two statements :

Statement I : The surge block in the most generally used tool for well development using cable-tool drilling.

Statement II : A heavy bailer may be used to produse the surging action, but it is not as effective as a close fitting surge block.

In the light of the above statements, choose the correct answer from the options given below :

(1) Both Statement I and Statement II are true
(2) Both Statement I and Statement II are false
(3) Statement I is true but Statement II is false
(4) Statement I is false but Statement II is true

Options :
92090637789. 1
92090637790. 2
92090637791. 3
92090637792. 4

Question Number : 48 Question Id : 9209069565 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं :

कथन I : केबल-उपकरण प्रवेधन का प्रयोग करते हुए कूप विकास हेतु प्रोत्कर्ष निपिंड सर्वाधिक सामान्यतया प्रयुक्त होता है।

कथन II : प्रोत्कर्षण क्रिया को उत्पादित करने के लिए एक भारी बहिः क्षेपक का प्रयोग किया जा सकता है परन्तु यह संवृत समंजन प्रोत्कर्ष के समान प्रभावी नहीं है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

(1) कथन I और II दोनों सही हैं

(2) कथन I और II दोनों गलत हैं

(3) कथन I सही है, लेकिन कथन II गलत है

(4) कथन I गलत है, लेकिन कथन II सही है

Options :

92090637789. 1

92090637790. 2

92090637791. 3

92090637792. 4

Question Number : 49 Question Id : 9209069566 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

One among the following options is not an advantage of water measurment using weirs.

(1) Accuracy of the measurement

(2) Deposition of gravel, sand and silt above the weir

(3) Simplicity of construction

(4) Durability of the structure

Options :

92090637793. 1

92090637794. 2

92090637795. 3

92090637796. 4

Question Number : 49 Question Id : 9209069566 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

दिए गए विकल्पों में से कोई एक बंधिका के उपयोग द्वारा जल मापन हेतु लाभकारी नहीं है।

(1) मापन की परिशुद्धता
(2) बजरी, बालू तथा गाद का बंधिका पर जमा होना
(3) निर्माण की सरलता
(4) संरचना का चिरस्थायित्व

Options :
92090637793. 1
92090637794. 2
92090637795. 3
92090637796. 4

Question Number : 50 Question Id : 9209069567 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

The volume of water pumped per unit time is called.

(1) Total suction head
(2) Total discharge head
(3) Capacity
(4) Water horse power

Options :
92090637797. 1
92090637798. 2
92090637799. 3
92090637800. 4

Question Number : 50 Question Id : 9209069567 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

प्रति इकाई समय में पम्प किए गए जल के आयतन को _____ कहते हैं।

(1) कुल चूषण शीर्ष
(2) कुल विसर्जन शीर्ष
(3) क्षमता
(4) जल हॉर्स पावर

Options :
92090637797. 1
92090637798. 2
92090637799. 3
92090637800. 4

Question Number : 51 Question Id : 9209069568 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Given below are two statements :

Statement I : Hydrologic studies are made to determine design flood for spillways.

Statement II : Hydrologic studies are done for irrigation and crop planning

In the light of the above statements, choose the correct answer from the options given below :

(1) Both Statement I and Statement II are true

(2) Both Statement I and Statement II are false

(3) Statement I is true but Statement II is false

(4) Statement I is false but Statement II is true

Options :

92090637801. 1
92090637802. 2
92090637803. 3
92090637804. 4

Question Number : 51 Question Id : 9209069568 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं :

कथन I : जल विज्ञान सम्बन्धी अध्ययन अधिप्लन मार्गों के लिए अभिकल्प ओघ निर्धारण हेतु करते हैं।

कथन II : जल विज्ञान सम्बन्धी अध्ययन सिंचाई एवं सस्य नियोजन हेतु करते हैं।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

(1) कथन I और II दोनों सही हैं

(2) कथन I और II दोनों गलत हैं

(3) कथन I सही है, लेकिन कथन II गलत है

(4) कथन I गलत है, लेकिन कथन II सही है

Options :

92090637801. 1
92090637802. 2
92090637803. 3
92090637804. 4

Question Number : 52 Question Id : 9209069569 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The head of centrifugal pump varies

(1) Directly with the speed of impeller

(2) As the cube of the speed of impeller

(3) As the square of the speed of impeller

(4) Inversely with the speed of impeller

Options :

92090637805. 1
92090637806. 2
92090637807. 3
92090637808. 4

Question Number : 52 Question Id : 9209069569 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

अपकेंद्री पंप का शीर्ष _____ परिवर्तित होता है।

(1) आवेजक की गति के अनुक्रमानुपात में

(2) आवेजक की गति के घन के अनुसार

(3) आवेजक की गति के वर्ग के अनुसार

(4) आवेजक की गति के व्युत्क्रमानुपात में

Options :

92090637805. 1
92090637806. 2
92090637807. 3
92090637808. 4

Question Number : 53 Question Id : 9209069570 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Crop water requirement does not depend upon one of the following parameters:

(1) Type and growth stage of the crop

(2) Type of the soil

(3) Water quality

(4) Climatic parameters

Options :

92090637809. 1

92090637810. 2

92090637811. 3

92090637812. 4

Question Number : 53 Question Id : 9209069570 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्न में से किस प्राचल पर सस्य जल आवश्यकता निर्भर नहीं करती?

(1) सस्य की वृद्धि की अवस्था के प्रकार (2) मृदा का प्रकार

(3) जल की गुणवत्ता (4) जलवायुगत प्राचल

Options :

92090637809. 1

92090637810. 2

92090637811. 3

92090637812. 4

Question Number : 54 Question Id : 9209069571 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

To prevent the pumped liquid from leaking along the shaft, pumps include

(1) Bearing (2) Shaft Sleeves

(3) Packing Sleeves (4) Volutes

Options :

92090637813. 1

92090637814. 2

92090637815. 3

92090637816. 4

Question Number : 54 Question Id : 9209069571 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

शाफ्ट के पास पंप किए गए द्रव्य के रिसाव को रोकने के लिए, पम्प में _____ लगाए जाते हैं।

(1) बेयरिंग (2) शाफ्ट स्लीव

(3) पैकिंग स्लीव (4) वॉल्यूट

Options :

92090637813. 1

92090637814. 2

92090637815. 3

92090637816. 4

Question Number : 55 Question Id : 9209069572 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The size of drizzle (a form of precipitation) is _____ .

(1) 0.3 mm (2) 0.4 mm

(3) 0.5 mm (4) 0.6 mm

Options :

92090637817. 1

92090637818. 2

92090637819. 3

92090637820. 4

Question Number : 55 Question Id : 9209069572 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

फुहार (वृष्टि का एक रूप) का आमाप _____ है।

(1) 0.3 मि.मी. (2) 0.4 मि.मी.

(3) 0.5 मि.मी. (4) 0.6 मि.मी.

Options :

92090637817. 1

92090637818. 2

92090637819. 3

92090637820. 4

Question Number : 56 Question Id : 9209069573 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The volume of water that can be extracted by force of gravity from a unit volume of aquifer material is called

(1) Specific yield (2) Specific retention

(3) Specific storage (4) Specific capacilty

Options :

92090637821. 1

92090637822. 2

92090637823. 3

92090637824. 4

Question Number : 56 Question Id : 9209069573 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

किसी जलभृत स्रोत के एक इकाई आयतन में से गुरुत्वाकर्षण बल द्वारा निकाले गए जल के आयतन को _____ कहते हैं।

(1) विशिष्ट लब्धि

(2) विशिष्ट धारण

(3) विशिष्ट संग्रहण

(4) विशिष्ट क्षमता

Options :

92090637821. 1

92090637822. 2

92090637823. 3

92090637824. 4

Question Number : 57 Question Id : 9209069574 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Air lift pumps use compressed air for lifting water. Find correct statement

(A) It has no moving parts below water level

(B) Efficiency of air lift pumping is higher than 50%

(C) When air is pumped into the well water comes out

(D) The air water mixture has lower spacific gravity than that of water

Choose the correct answer from the options given below :

(1) (A), (B), (C), (D) Only

(2) (A), (C), & (D) Only

(3) (B), (C), & (D) Only

(4) (A), (B), & (C) Only

Options :

92090637825. 1

92090637826. 2

92090637827. 3

92090637828. 4

Question Number : 57 Question Id : 9209069574 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

वायु उत्थापक दमकल (पंप) जल उत्थापन हेतु संपीडित वायु का प्रयोग करते हैं। सही कथनों को ज्ञात करें।

(A) इसके जलस्तर के नीचे कोई भी गतिशील भाग नहीं होते हैं।

(B) वायु उत्थापक दमकल (पंप) की कार्य-क्षमता 50% से उच्चतर होती है।

(C) जल वायु को कूप में दमकलित (पम्प्ड) किया जाता है तो जल बाहर आता है।

(D) वायु जल मिश्रण का आपेक्षिक घनत्व जल की तुलना में निम्नतर होता है।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

(1) केवल (A), (B), (C) और (D)

(2) केवल (A), (C) और (D)

(3) केवल (B), (C) और (D)

(4) केवल (A), (B) और (C)

Options :

92090637825. 1

92090637826. 2

92090637827. 3

92090637828. 4

Question Number : 58 Question Id : 9209069575 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

It is the ratio of crop yield (Y) to the amount of water depleted by the crop in the process of evapotranspiration (ET).

(1) Water Distribution Efficiency

(2) Water Conveyance Efficiency

(3) Crop Water Use Efficiency

(4) Field Water Use Efficiency

Options :

92090637829. 1

92090637830. 2

92090637831. 3

92090637832. 4

Question Number : 58 Question Id : 9209069575 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

वाष्पन वाष्पोत्सर्जन (ET) की प्रक्रिया में सस्य लब्धि (y) तथा सस्य द्वारा होने वाले जल ह्रास की मात्रा का अनुपात _____ है।

(1) जल वितरण कुशलता

(2) जल वहन कुशलता

(3) जल उपयोग कुशलता

(4) खेत में जल उपयोग कुशलता

Options :

92090637829. 1

92090637830. 2

92090637831. 3

92090637832. 4

Question Number : 59 Question Id : 9209069576 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements : One is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : Plant species vary greatly in their water requirement and water use efficiency

Reasons (R) : One of the primary way of increasing crop yield and water use efficiency in a particular environment is to select plant species adopted to the total amount and distribution of water

In the light of the above statements, choose the most appropriate answer from the options given below :

(1) Both (A) and (R) are correct and (R) is the correct explanation of (A)

(2) Both (A) and (R) are correct but (R) is NOT the correct explanation of (A)

(3) (A) is correct but (R) is not correct

(4) (A) is not correct but (R) is correct

Options :

92090637833. 1

92090637834. 2

92090637835. 3

92090637836. 4

Question Number : 59 Question Id : 9209069576 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं : एक अभिकथन (Assertion (A)) के रूप में लिखित है तो दूसरा उसके कारण (Reasons (R)) के रूप में :

अभिकथन (A) : पादप प्रजाति अपनी जल आवश्यकता और जल प्रयोग कार्यक्षमता में अत्यधिक भिन्नता रखती हैं।

कारण (R) : किसी विशिष्ट पर्यावरण में वर्धमान सस्य लब्धि तथा जल प्रयोग कार्यक्षमता का एक प्राथमिक तरीका जल की कुल मात्रा और वितरण के प्रति अंगीकृत पादप प्रजाति का चयन करना है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

(1) (A) और (R) दोनों सही हैं और (R), (A) की सही व्याख्या है

(2) (A) और (R) दोनों सही हैं, लेकिन (R), (A) की सही व्याख्या नहीं है

(3) (A) सही है, लेकिन (R) सही नहीं है

(4) (A) सही नहीं है, लेकिन (R) सही है

Options :

92090637833. 1

92090637834. 2

92090637835. 3

92090637836. 4

Question Number : 60 Question Id : 9209069577 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The requirement of a satisfactory Drainage outlet are given below. Identify the incorrect one.

(1) To provide free flow of water

(2) Protect the end of the tile line

(3) Allow the rodents to block the drain

(4) Preventing the entrance of flood water

Options :

92090637837. 1

92090637838. 2

92090637839. 3

92090637840. 4

Question Number : 60 Question Id : 9209069577 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

एक संतोषजनक अपवाह निर्गम की आवश्यकता नीचे दी गई है। दिए गए विकल्पों में से गलत विकल्प का चयन करें।

(1) जल का मुक्त प्रवाह उपलब्ध करवाना। (2) टाइल लाइन के छोर की सुरक्षा करना

(3) कृतकों को नालियों को अवरूद्ध करने देना। (4) बाढ़ के जल के प्रवेश को रोकना

Options :

92090637837. 1

92090637838. 2

92090637839. 3

92090637840. 4

Question Number : 61 Question Id : 9209069578 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The rational method is used to predict the

(1) Run off rate (2) Rainfall intensity

(3) Peak runoff rate (4) Discharge

Options :

92090637841. 1

92090637842. 2

92090637843. 3

92090637844. 4

Question Number : 61 Question Id : 9209069578 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

परिमेय विधि का उपयोग _____ की प्रागुक्ति के लिए किया जाता है।

(1) वाह की दर (2) वृष्टि की तीव्रता

(3) उच्चतम वाह दर (4) विसर्जन

Options :

92090637841. 1

92090637842. 2
92090637843. 3
92090637844. 4

Question Number : 62 Question Id : 9209069579 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Water turbine pumps are used to lift the water from deeper zones. Identify the correct statements

(A) Lower half section a turbine pump is a turbine

(B) Turbine is an axial flow pump

(C) Upper half section of turbine in a centrifugal pump

(D) The water turbines may be single or multistage

(E) The turbine is driven by hydraulic energy and pump lifts the water

Choose the correct answer from the options given below :

(1) (A), (B), (C), & (D) Only

(2) (A), (B), (C), & (E) Only

(3) (A), (B) & (C) Only

(4) (A), (B), (D) & (E) Only

Options :

92090637845. 1
92090637846. 2
92090637847. 3
92090637848. 4

Question Number : 62 Question Id : 9209069579 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

गहनतर क्षेत्रों से जल उत्थापन हेतु जल टरबाइन दमकल (पंप) प्रयुक्त होते हैं। सही कथनों को पहचानिए।

(A) टरबाइन दमकल (पंप) का निचला आधा भाग एक टरबाइन होता है।

(B) टरबाइन एक अक्षीय प्रवाह दमकल (पंप) है।

(C) टरबाइन का ऊपरी आधा भाग केन्द्रापसारी दमकल (पंप) होता है।

(D) जल टरबाइन एकाकी या बहुचरणी हो सकता है।

(E) टरबाइन का परिचालन जलदृढ़ी ऊर्जा के द्वारा होता है और दमकल (पंप) जल का उत्थापन करता है।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

(1) केवल (A), (B), (C) और (D)

(2) केवल (A), (B), (C) और (E)

(3) केवल (A), (B) और (C)

(4) केवल (A), (B), (D) और (E)

Options :

92090637845. 1

92090637846. 2

92090637847. 3

92090637848. 4

Question Number : 63 Question Id : 9209069580 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

One among the following is not the physical defect of gravity drainage system.Identify the same.

(1) Quick dispossal of surface water

(2) Easy to clean and maintain

(3) Failure to lower the water table to an adequate depth

(4) Ease of constnction and layout

Options :

92090637849. 1

92090637850. 2

92090637851. 3

92090637852. 4

Question Number : 63 Question Id : 9209069580 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्न में से कोई एक गुरुत्वीय जलनिकास प्रणाली का भौतिक दोष नहीं है। उसे पहचानिए।

(1) भू-पृष्ठ जल का तीव्र निवर्तन

(2) साफ करने तथा बनाए रखने में सुविधा

(3) पर्याप्त गहराई तक भौम जलस्तर को निम्न करने में असफल

(4) निर्माण तथा अभिन्यास में सुविधा

Options :
92090637849. 1
92090637850. 2
92090637851. 3
92090637852. 4

Question Number : 64 Question Id : 9209069581 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Choose the correct statements from following

(A) Unit hydrographs should be used for basin larger than 5000km^2

(B) The period of surface runoff is different for unit storms of different intersity.

(C) The base flow of surface streams is the effluentseepage from the drainage basin.

(D) The best unit duration is about one fourth of the basin lag.

Choose the correct answer from the options given below :

(1) (A), & (B) Only

(2) (B), & (C) Only

(3) (C), & (D) Only

(4) (D), & (A) Only

Options :
92090637853. 1
92090637854. 2
92090637855. 3
92090637856. 4

Question Number : 64 Question Id : 9209069581 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से सही कथनों का चयन कीजिए:

(A) 5,000 कि.मी.^{2} से बृहत्तर द्रोणि हेतु इकाई जलारेख प्रयुक्त होना चाहिए।

(B) विभिन्न तीव्रता के इकाई झंझावात हेतु पृष्ठ वाह की अवधि भिन्न-भिन्न होती है।

(C) पृष्ठ धारा का अधस्तल प्रवाह अपवाह द्रोणि से बहिःस्रावी निस्यंद होता है।

(D) द्रोणि पश्चता का लगभग एक चौथाई सर्वश्रेष्ठ इकाई अवधि है।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

(1) केवल (A) और (B)

(2) केवल (B) और (C)

(3) केवल (C) और (D)

(4) केवल (D) और (A)

Options :

92090637853. 1

92090637854. 2

92090637855. 3

92090637856. 4

Question Number : 65 Question Id : 9209069582 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

	List I		List II
(A)	Pump noisy or vibrates	(I)	Wrong direction of rotation
(B)	Pump reqires more power	(II)	Bent shaft
(C)	Not enough water Delivered	(III)	Misalignment
(D)	Stuffing box leakage	(IV)	incorrect packing

Choose the correct answer from the options given below :

(1) (A)-(I), (B)-(II), (C)-(IV), (D)-(III)

(2) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)

(3) (A)-(II), (B)-(III), (C)-(I), (D)-(IV)

(4) (A)-(IV), (B)-(I), (C)-(III), (D)-(II)

Options :

92090637857. 1

92090637858. 2

92090637859. 3
92090637860. 4

Question Number : 65 Question Id : 9209069582 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची-I के साथ सूची-II का मिलान कीजिए :

	सूची-I		सूची-II
(A)	दमकल (पंप) कोलाहलपूर्ण अथवा कंपायमान होता है।	(I)	घूर्णन की गलत दिशा
(B)	दमकल पंप को अधिक शक्ति की आवश्यकता है।	(II)	मुड़ी हुई धुरी
(C)	अपर्याप्त जल मोचित	(III)	गलत संरेखण
(D)	प्रभरण पेटिका रिसाव	(IV)	गलत संकुलन

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

(1) (A)-(I), (B)-(II), (C)-(IV), (D)-(III)
(2) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)
(3) (A)-(II), (B)-(III), (C)-(I), (D)-(IV)
(4) (A)-(IV), (B)-(I), (C)-(III), (D)-(II)

Options :

92090637857. 1
92090637858. 2
92090637859. 3
92090637860. 4

Question Number : 66 Question Id : 9209069583 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

	List I		List II
(A)	Coupled	(I)	Axis of rotation
(B)	Multistage	(II)	Method of drive
(C)	Non-clog	(III)	No. of stages
(D)	Vertical direction	(IV)	Impeller type

Choose the correct answer from the options given below :

(1) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)
(2) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)
(3) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)
(4) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)

Options :
92090637861. 1
92090637862. 2
92090637863. 3
92090637864. 4

Question Number : 66 Question Id : 9209069583 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

सूची-I के साथ सूची-II का मिलान कीजिए :

	सूची-I		सूची-II
(A)	युग्मित	(I)	घूर्णन का अक्ष
(B)	बहुचरणी	(II)	प्रचालन की पद्धति
(C)	अनवरोध	(III)	चरणों की संख्या
(D)	ऊर्ध्वाधर	(IV)	आवेजक प्रकार

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

(1) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)
(2) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)
(3) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)
(4) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)

Options :
92090637861. 1
92090637862. 2

92090637863. 3
92090637864. 4

Question Number : 67 Question Id : 9209069584 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The recommended thickness of concrete lining in canals should not be less than___

(1) 10.0 cm.
(2) 6.0 cm.
(3) 5.0 cm.
(4) 3.5 cm.

Options :

92090637865. 1
92090637866. 2
92090637867. 3
92090637868. 4

Question Number : 67 Question Id : 9209069584 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नहरों में कंक्रीट आस्तर की अनुशंसित मोटाई _____ से कम नहीं होनी चाहिए।

(1) 10.0 सेमी.
(2) 6.0 सेमी.
(3) 5.0 सेमी.
(4) 3.5 सेमी.

Options :

92090637865. 1
92090637866. 2
92090637867. 3
92090637868. 4

Question Number : 68 Question Id : 9209069585 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Find correct sequence of processes occurring in hydrology.

(A) Infiltration

(B) Rainfall

(C) Surface Runoff

(D) Lateral flow

(E) Deep Percolation

Choose the correct answer from the options given below :

(1) (A), (B), (C), (D), (E)

(2) (C), (A), (B), (D), (E)

(3) (B), (A), (C), (D), (E)

(4) (C), (D), (E), (B), (A)

Options :

92090637869. 1

92090637870. 2

92090637871. 3

92090637872. 4

Question Number : 68 Question Id : 9209069585 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

जल विज्ञान में घटित प्रक्रियाओं का सही क्रम ज्ञात करें।

(A) अन्तः स्यंदन

(B) वृष्टि

(C) वाह

(D) पार्श्विक प्रवाह

(E) गहरा अन्तःस्रवण

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

(1) (A), (B), (C), (D), (E)

(2) (C), (A), (B), (D), (E)

(3) (B), (A), (C), (D), (E)

(4) (C), (D), (E), (B), (A)

Options :

92090637869. 1

92090637870. 2

92090637871. 3
92090637872. 4

Question Number : 69 Question Id : 9209069586 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Soil- Plant-Water relationship governs the health of crop. The main factors are

(A) Water absorption

(B) Infiltration

(C) Water conduction & Translocation

(D) Transpiration

Choose the correct answer from the options given below :

(1) (A), (B), (C) Only

(2) (B), (C), (D) Only

(3) (A), (C), (D) Only

(4) (A), (B), (D) Only

Options :

92090637873. 1
92090637874. 2
92090637875. 3
92090637876. 4

Question Number : 69 Question Id : 9209069586 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

मृदा-पादप-जल सम्बन्ध सस्यों के स्वास्थ्य को निमंत्रित करते हैं। प्रमुख अवयव हैं -

(A) जल अवशोषण

(B) अन्तः स्यंदन

(C) जल चालन एवं स्थानांतरण

(D) वाष्पोत्सर्जन

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

(1) केवल (A), (B) और (C)

(2) केवल (B), (C) और (D)

(3) केवल (A), (C) और (D)

(4) केवल (A), (B) और (D)

Options :

92090637873. 1

92090637874. 2

92090637875. 3

92090637876. 4

Question Number : 70 Question Id : 9209069587 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Step involved in On-farm development are listed below. One is not the correct step of on-farm irrigation system design. Identify the same.

(1) Land grading and shaping

(2) Field layout for irrigation & drainage channels.

(3) Lining of water courses

(4) Salinity control of irrigation water

Options :

92090637877. 1

92090637878. 2

92090637879. 3

92090637880. 4

Question Number : 70 Question Id : 9209069587 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ऑन-फार्म विकास के चरणों की सूची नीचे दी गई है। इनमें से एक ऑन-फार्म सिंचाई प्रणाली के प्रारूप का सही चरण नहीं है। उस गलत चरण का चयन करें।

(1) भूमि प्रवणता तथा आकृतीयन

(2) सिंचाई के लिए फील्ड अभिविन्यास तथा जलनिकासी का मार्ग

(3) जल मार्ग का आस्तर

(4) सिंचाई जल का लवणता नियंत्रण

Options :

92090637877. 1

92090637878. 2

92090637879. 3

92090637880. 4

Question Number : 71 Question Id : 9209069588 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The funnel diameter of Symon's rain gauge is _____ .

(1) 10.5 cm. (2) 11.5 cm.

(3) 12.5 cm. (4) 13.5 cm.

Options :

92090637881. 1

92090637882. 2

92090637883. 3

92090637884. 4

Question Number : 71 Question Id : 9209069588 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

साइमन के वर्षामापी की कीप का व्यास _____ है।

(1) 10.5 से.मी. (2) 11.5 से.मी.

(3) 12.5 से.मी. (4) 13.5 से.मी.

Options :

92090637881. 1

92090637882. 2

92090637883. 3

92090637884. 4

Question Number : 72 Question Id : 9209069589 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The absorption of salts by plants involves movement of ions from roots to Xylem. Identify the correct statements.

(A) Xylems help in transloction of nutrients.

(B) The kind and amount of salt absorption vary according to plant species.

(C) Root extension is an important function in ion absorption.

(D) salt concentration of xylem increases from roots to shoots.

Choose the correct answer from the options given below :

(1) A, B & D Only

(2) A, B & C Only

(3) B, C & D Only

(4) A, C & D Only

Options :

92090637885. 1

92090637886. 2

92090637887. 3

92090637888. 4

Question Number : 72 Question Id : 9209069589 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

पौधों के द्वारा लवणों का अवशोषण जड़ों से दारू (जाइलम) तक आयनों के संचलन को आवेष्टित करता है।
सही कथनों का चयन कीजिए।

(A) दारू पोषकों के स्थानांतरण में सहायता करते हैं।

(B) पादप प्रजाति के अनुसार लवण अवशोषण का प्रकार और परिमाण में विविधता होती हैं।

(C) आयन अवशोषण में जड़ों का प्रसार एक महत्त्वपूर्ण प्रकार्य है।

(D) दारू का लवण सांद्रण जड़ों से तनों की ओर वृद्धि करता है।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

(1) केवल (A), (B) और (D)

(2) केवल (A), (B) और (C)

(3) केवल (B), (C) और (D)

(4) केवल (A), (C) और (D)

Options :

92090637885. 1

92090637886. 2

92090637887. 3

92090637888. 4

Question Number : 73 Question Id : 9209069590 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Underground pipe line systems have some important structures as listed below. Which one is not a part of it?

(1) Pump stand

(2) Air vent

(3) End plug

(4) Venturi

Options :

92090637889. 1

92090637890. 2

92090637891. 3

92090637892. 4

Question Number : 73 Question Id : 9209069590 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

भूमिगत पाइप लाइन प्रणाली की कुछ महत्त्वपूर्ण संरचनाएँ नीचे सूचीबद्ध की गई हैं। इनमें से कौन इस प्रणाली का एक भाग नहीं है?

(1) दमकल आधानी (पंपस्टैंड)
(2) वायु निकास (एअर वेंट)
(3) अन्त्य डाट (एंड प्लग)
(4) वेंचुरी

Options :
92090637889. 1
92090637890. 2
92090637891. 3
92090637892. 4

Question Number : 74 Question Id : 9209069591 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

The suction head of the centrifugal pump commonly ranges up to–

(1) 10 m
(2) 8 m
(3) 6 m
(4) 4 m

Options :
92090637893. 1
92090637894. 2
92090637895. 3
92090637896. 4

Question Number : 74 Question Id : 9209069591 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

अपकेन्द्री पंप के चूषण शीर्ष का प्रसार सामान्यतः _____ तक होता है।

(1) 10 मी.
(2) 8 मी.
(3) 6 मी.
(4) 4 मी.

Options :
92090637893. 1
92090637894. 2
92090637895. 3
92090637896. 4

Question Number : 75 Question Id : 9209069592 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

	List I		List II
(A)	Snow, hail	(I)	Forms of precipitaion
(B)	Hydrologic cycle	(II)	Law of conservation of matter
(C)	Hydrology	(III)	Deals with hydrologic cycle
(D)	Hydrological equation	(IV)	Water transfer cycle

Choose the correct answer from the options given below :

(1) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)
(2) (A)-(I), (B)-(IV), (C)-(II), (D)-(III)
(3) (A)-(I), (B)-(IV), (C)-(III), (D)-(II)
(4) (A)-(III), (B)-(I), (C)-(IV), (D)-(II)

Options :
92090637897. 1
92090637898. 2
92090637899. 3
92090637900. 4

Question Number : 75 Question Id : 9209069592 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची-I के साथ सूची-II का मिलान कीजिए :

	सूची-I		सूची-II
(A)	बर्फ, ओला	(I)	वर्षण के रूप
(B)	जलविज्ञान सम्बन्धी चक्र	(II)	पदार्थ संरक्षण के नियम
(C)	जल विज्ञान	(III)	जलविज्ञान चक्र से सम्बंधित अध्ययन
(D)	जल वैज्ञानिक समीकरण	(IV)	जल स्थानांतरण चक्र

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

(1) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)
(2) (A)-(I), (B)-(IV), (C)-(II), (D)-(III)
(3) (A)-(I), (B)-(IV), (C)-(III), (D)-(II)
(4) (A)-(III), (B)-(I), (C)-(IV), (D)-(II)

Options :
92090637897. 1

92090637898. 2
92090637899. 3
92090637900. 4

Question Number : 76 Question Id : 9209069593 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The famous Darcy Equation for estimation of flow velocity across a cross section is given below:- (V = ki)

Where V is velocity of flow , K coefficient of hydraulic conductivity and i is the hydraulic grndient. The dimensions of 'K' is

(1) LT^{-2} (2) LT^{-1}

(3) L^2T^{-1} (4) L^2T^{-2}

Options :

92090637901. 1
92090637902. 2
92090637903. 3
92090637904. 4

Question Number : 76 Question Id : 9209069593 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

किसी अनुदैर्घ्य भाग के प्रवाह वेग के पूर्वानुमान के लिए प्रसिद्ध डार्सी समीकरण नीचे दिया गया है।

$v = ki$ v = प्रवाह का वेग, k = चलजलीय चालकता का गुणांक तथा i = द्रवचालित प्रवणता है, k का आयाम _____ है।

(1) $[LT^{-2}]$ (2) $[LT^{-1}]$

(3) $[L^2T^{-1}]$ (4) $[L^2T^{-2}]$

Options :

92090637901. 1
92090637902. 2
92090637903. 3
92090637904. 4

Question Number : 77 Question Id : 9209069594 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The least efficient method of irrigation is-

(1) Check basin irrigation
(2) Sprinkler irrigation
(3) Sub-surface Drip irrigation
(4) Drip irrigation

Options :

92090637905. 1
92090637906. 2
92090637907. 3
92090637908. 4

Question Number : 77 Question Id : 9209069594 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सिंचाई की सबसे कम कुशलता वाली विधि _____ है।

(1) चैक बेसिन सिंचाई
(2) स्प्रिंकलर सिंचाई
(3) अधः स्तर टपकन सिंचाई
(4) टपकन सिंचाई

Options :

92090637905. 1
92090637906. 2
92090637907. 3
92090637908. 4

Question Number : 78 Question Id : 9209069595 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The shape of the recession limb of a hydrograph depends on

(1) Storm charateristics only
(2) Basin charateristics only
(3) Base flow only
(4) Basin as well as storm charateristics

Options :

92090637909. 1
92090637910. 2
92090637911. 3
92090637912. 4

Question Number : 78 Question Id : 9209069595 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

किसी जलारेख के अपगमन अंग का आकार _____ पर निर्भर करता है:

(1) केवल झंझावात अभिलक्षण
(2) केवल द्रोणी अभिलक्षण
(3) केवल मूल प्रवाह
(4) द्रोणी के साथ ही साथ झंझावात अभिलक्षण

Options :

92090637909. 1
92090637910. 2
92090637911. 3
92090637912. 4

Question Number : 79 Question Id : 9209069596 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Controlling soil salinity and alkalinity through subsurface leaching of salts requires.

(1) High water table upto 1m
(2) Low water table upto 1.5 m
(3) More than 1.5 m upto 2.0 m
(4) More than 2.0 m

Options :

92090637913. 1
92090637914. 2
92090637915. 3
92090637916. 4

Question Number : 79 Question Id : 9209069596 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

लवणों के अधस्तल निक्षालन के माध्यम से मृदा लवणता और क्षारीयता के नियन्त्रण हेतु आवश्यकता होती है। सबसे सही उत्तर का चयन कीजिए।

(1) उच्च भूजल स्तर 1 मी. तक
(2) निम्न भूजल स्तर 1.5 मी.
(3) 1.5 मी. से अधिक 2.0 मी. तक भूजल स्तर
(4) 2.0 मी. से अधिक भूजल स्तर

Options :

92090637913. 1
92090637914. 2
92090637915. 3
92090637916. 4

Question Number : 80 Question Id : 9209069597 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A unit hydrograph has one unit of

(1) The time base of direct runoff (2) Rainfall duration

(3) Peak discharge (4) Direct runoff

Options :

92090637917. 1

92090637918. 2

92090637919. 3

92090637920. 4

Question Number : 80 Question Id : 9209069597 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

किसी इकाई जलारेख में _____ की एक इकाई होती है।

(1) प्रत्यक्ष वाह का समय आधार (2) वर्षा अवधि

(3) शिखर प्रवाह (4) प्रत्यक्ष वाह

Options :

92090637917. 1

92090637918. 2

92090637919. 3

92090637920. 4

Question Number : 81 Question Id : 9209069598 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

In homogeneous and isotropie soils, the hydraulic conductivities is directions, x, y, and z have the relationship (Find the correct one)

(1) $K_x = K_y \neq K_3$ (2) $K_x \neq K_y = K_2$

(3) $K_x = K_y = K_2$ (4) $K_x \neq K_y \neq K_2$

Options :

92090637921. 1

92090637922. 2

92090637923. 3

92090637924. 4

Question Number : 81 Question Id : 9209069598 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

समांगी और समानुवर्ती मृदाओं में, x, y और z दिशाओं में जलदृढ़ी चालकताओं में सम्बन्ध होता है। (सही उत्तर का पता लगाइए।)

(1) $k_x = k_y \neq k_z$ (2) $k_x \neq k_y = k_z$

(3) $k_x = k_y = k_z$ (4) $k_x \neq k_y \neq k_z$

Options :

92090637921. 1

92090637922. 2

92090637923. 3

92090637924. 4

Question Number : 82 Question Id : 9209069599 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The percentage of total quantity of water in the world that is fresh water is

(1) 3% (2) 6%

(3) 9% (4) 12%

Options :

92090637925. 1

92090637926. 2

92090637927. 3

92090637928. 4

Question Number : 82 Question Id : 9209069599 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

विश्व में जल की कुल मात्रा का कितना प्रतिशत अलवणजल है?

(1) 3% (2) 6%

(3) 9% (4) 12%

Options :

92090637925. 1

92090637926. 2

92090637927. 3

92090637928. 4

Question Number : 83 Question Id : 9209069600 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The problem of rising water table due to non-availability of clear outfall and low soil permeability can be solved easily by–

(1) Surface drainage system
(2) Sub-Surface drainage
(3) Leaching of salts
(4) Vertical drainage

Options :

92090637929. 1

92090637930. 2

92090637931. 3

92090637932. 4

Question Number : 83 Question Id : 9209069600 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सुस्पष्ट मुहाने की अनुपलब्धता और निम्न मृदा पारगम्यता के कारण आरोही जल स्तर की समस्या आसानी से किसके द्वारा हल की जा सकती है?

(1) पृष्ठीय जल निकास
(2) अधस्तल जल निकासी
(3) लवणों का निक्षालन
(4) ऊर्ध्वाधर जल निकासी

Options :

92090637929. 1

92090637930. 2

92090637931. 3

92090637932. 4

Question Number : 84 Question Id : 9209069601 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The size of soil partides, which are non erodible by wind is

(1) $\angle o.25mm$
(2) 0.25-0.50 mm
(3) 0.50-1.0 mm
(4) >1 mm

Options :

92090637933. 1

92090637934. 2
92090637935. 3
92090637936. 4

Question Number : 84 Question Id : 9209069601 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

वायु के द्वारा अनपरदनीय जो मृदा कण हैं उनका आकार होता है :

(1) <0.25 मि.मी. (2) 0.25–0.50 मि.मी.

(3) 0.50–1.00 मि.मी. (4) >1.00 मि.मी.

Options :

92090637933. 1
92090637934. 2
92090637935. 3
92090637936. 4

Question Number : 85 Question Id : 9209069602 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The major disadvantages of earthen canals are-

(A) Excessive seepage losses
(B) Favourable canditions for aquatic plants
(C) Low water velocity
(D) Difficult to burrowing
(E) Low annual maintenance

Choose the correct answer from the options given below :

(1) A, B & D Only
(2) A, B & C Only
(3) B, C & D Only
(4) C, D & A Only

Options :

92090637937. 1
92090637938. 2
92090637939. 3
92090637940. 4

Question Number : 85 Question Id : 9209069602 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

मृण्मय नहरों की प्रधान प्रतिकूल परिस्थितियाँ हैं :-

(A) अत्यधिक निस्यंदन हानियाँ

(B) जलीय पौधों के लिए अनुकूल अवस्था

(C) निम्न जल वेग

(D) खुदाई में दुष्कर

(E) निम्न वार्षिक अनुरक्षण

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

(1) केवल (A), (B) और (D)

(2) केवल (A), (B) और (C)

(3) केवल (B), (C) और (D)

(4) केवल (C), (D) और (A)

Options :

92090637937. 1

92090637938. 2

92090637939. 3

92090637940. 4

Question Number : 86 Question Id : 9209069603 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

One of the following is not a wind erosion control measure, Identify the same.

(1) Wind breaks

(2) Brush wood dams

(3) Shelter-belts

(4) Good vegetative cover on the soil surface

Options :

92090637941. 1

92090637942. 2

92090637943. 3

92090637944. 4

Question Number : 86 Question Id : 9209069603 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन एक वातीय अपरदन नियन्त्रण युक्ति नहीं है, उसे पहचानिए।

(1) वायु भंजन

(2) कूर्च काष्ठ बाँध

(3) शरणस्थल क्षेत्र

(4) मृदा पृष्ठ पर उत्तम वानस्पतिकआच्छादन

Options :

92090637941. 1

92090637942. 2

92090637943. 3

92090637944. 4

Question Number : 87 Question Id : 9209069604 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements :

Statement I : Parshall Flume used to measure the discharge in an open channel, works on the critical flow principle.

Statement II : Successful operation of parshall flume depends upon correct selection of size and proper setting of the flume.

In the light of the above statements, choose the correct answer from the options given below :

(1) Both Statement I and Statement II are true

(2) Both Statement I and Statement II are false

(3) Statement I is true but Statement II is false

(4) Statement I is false but Statement II is true

Options :

92090637945. 1

92090637946. 2

92090637947. 3

92090637948. 4

Question Number : 87 Question Id : 9209069604 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं :

कथन I : एक खुले प्रणाल में निस्सरण को मापने के लिए पार्शल फ्लुम का प्रयोग किया गया जो क्रांतिक प्रवाह सिद्धान्त पर कार्य करता है।

कथन II : सफलतापूर्ण प्रचालित पार्शल फ्लुम, फ्लुम के आकार के सही चयन और उसके समुचित स्थापन पर निर्भर करती है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

(1) कथन I और II दोनों सही हैं

(2) कथन I और II दोनों गलत हैं

(3) कथन I सही है, लेकिन कथन II गलत है

(4) कथन I गलत है, लेकिन कथन II सही है

Options :

92090637945. 1

92090637946. 2

92090637947. 3

92090637948. 4

Question Number : 88 Question Id : 9209069605 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Hydraulic conductivity of a porous medium may change due to-

(A) Entrapped air in pore space

(B) Nature and amount of exchangeable cations

(C) Heavy strom and soil displacement

(D) Slope of the water table

(E) Hydraulic Head

Choose the correct answer from the options given below :

(1) A, B & C Only

(2) B, C & D Only

(3) C, D & E Only

(4) A, D & E Only

Options :

92090637949. 1

92090637950. 2

92090637951. 3

92090637952. 4

Question Number : 88 Question Id : 9209069605 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

किस कारण से सरन्ध्र माध्यम की जलदृढ़ी चालकता परिवर्तित हो सकती है?

(A) रन्ध्रस्थान में फंसी हुई वायु

(B) विनिमेय धनायन की प्रकृति और मात्रा

(C) भारी झंझावात और मृदा विस्थापन

(D) भूजल स्तर का ढाल

(E) जलदृढ़ी शीर्ष

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

(1) केवल (A), (B) और (C)

(2) केवल (B), (C) और (D)

(3) केवल (C), (D) और (E)

(4) केवल (A), (D) और (E)

Options :

92090637949. 1

92090637950. 2

92090637951. 3
92090637952. 4

Question Number : 89 Question Id : 9209069606 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Following component of hydrograph contains the peak flow.

(1) Rising limb
(2) Crest segment
(3) Recession limb
(4) Crest segment and rising limb

Options :

92090637953. 1
92090637954. 2
92090637955. 3
92090637956. 4

Question Number : 89 Question Id : 9209069606 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

जलारेख का निम्नलिखित घटक शिखर प्रवाह को अन्तर्विष्ट करता है:

(1) आरोही अंग
(2) श्रृंग खंड
(3) अपगमन अंग
(4) श्रृंग खंड और आरोही अंग

Options :

92090637953. 1
92090637954. 2
92090637955. 3
92090637956. 4

Question Number : 90 Question Id : 9209069607 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements :

Statement I : Thornthwaite and Blaney Criddle methods are quite popular to estimate evapotranspiration rates while irrigation planning

Statement II : However, the Penman-Monteith method is not as accusrate as above two methods.

In the light of the above statements, choose the correct answer from the options given below :

(1) Both Statement I and Statement II are true

(2) Both Statement I and Statement II are false

(3) Statement I is true but Statement II is false

(4) Statement I is false but Statement II is true

Options :

92090637957. 1
92090637958. 2
92090637959. 3
92090637960. 4

Question Number : 90 Question Id : 9209069607 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं :

कथन I : सिंचाई नियोजन के समय वाष्पोत्सर्जन दर के आकलन में थॉर्न्थ वेट और ब्लाने क्रिडिल पद्धतियाँ निश्चय ही लोकप्रिय हैं।

कथन II : हालाँकि पैनमैन मोंटेइथ पद्धति उपर्युक्त दोनों पद्धतियों के जैसी परिशुद्ध नहीं है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

(1) कथन I और II दोनों सही हैं

(2) कथन I और II दोनों गलत हैं

(3) कथन I सही है, लेकिन कथन II गलत है

(4) कथन I गलत है, लेकिन कथन II सही है

Options :

92090637957. 1

92090637958. 2

92090637959. 3

92090637960. 4

Question Number : 91 Question Id : 9209069608 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Revines is the advanced stage of which erosion?

(1) Gully

(2) Stream bank

(3) Rill

(4) Splash

Options :

92090637961. 1

92090637962. 2

92090637963. 3

92090637964. 4

Question Number : 91 Question Id : 9209069608 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

'रिवाईन' किस अपरदन की उन्नत अवस्था है?

(1) अवनालिका

(2) धारा तट

(3) क्षुद्र सरिता

(4) छपाका

Options :

92090637961. 1

92090637962. 2

92090637963. 3

92090637964. 4

Question Number : 92 Question Id : 9209069609 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements :

Statement I : Sprinkler irrigation system is appropriate for soils having high infiltration rate.

Statement II : Sprinkler irrigation system is most appropriate method for using saline/ Salt affected water.

In the light of the above statements, choose the correct answer from the options given below :

(1) Both Statement I and Statement II are true

(2) Both Statement I and Statement II are false

(3) Statement I is true but Statement II is false

(4) Statement I is false but Statement II is true

Options :

92090637965. 1

92090637966. 2

92090637967. 3

92090637968. 4

Question Number : 92 Question Id : 9209069609 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं :

कथन I : उच्च अन्तः स्यंदन वाली मृदा हेतु स्प्रिंकलर सिंचाई पद्धति समुचित है।

कथन II : लवणीय/लवण प्रभावित जल के प्रयोग हेतु स्प्रिंकलर सिंचाई पद्धति सर्वाधिक उपयुक्त है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

(1) कथन I और II दोनों सही हैं

(2) कथन I और II दोनों गलत हैं

(3) कथन I सही है, लेकिन कथन II गलत है

(4) कथन I गलत है, लेकिन कथन II सही है

Options :

92090637965. 1

92090637966. 2

92090637967. 3

92090637968. 4

Question Number : 93 Question Id : 9209069610 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Choose correct statements about hydrograph and its components.

(A) Rising limb of hydrograph is also called as concentration carve.

(B) Recession limb represents the withdrawal of water from storage

(C) Crest segment contains peak flow

(D) Hydrograph plot is cumulative discharge versus time

Choose the correct answer from the options given below :

(1) A, B & D Only

(2) B, C & D Only

(3) A, B & C Only

(4) D, C & A Only

Options :

92090637969. 1

92090637970. 2

92090637971. 3

92090637972. 4

Question Number : 93 Question Id : 9209069610 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

जलारेख एवं उसके घटकों के बारे में सही कथनों का चयन कीजिए।

(A) जलारेख का आरोही अंग जिसे सह-केंद्रीकरण वक्र भी कहा जाता है।

(B) अपगमन अंग संग्रहण से जल की निकासी का निरूपण करता है।

(C) श्रृंग खंड शिखर प्रवाह अन्तर्विष्ट करता है।

(D) जलारेख संचयी स्राव बनाम समय को अंकित करता है।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

(1) केवल (A), (B) और (D)

(2) केवल (B), (C) और (D)

(3) केवल (A), (B) और (C)

(4) केवल (D), (C) और (A)

Options :

92090637969. 1

92090637970. 2

92090637971. 3

92090637972. 4

Question Number : 94 Question Id : 9209069611 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements :

Statement I : Tiles of good quality, resistant to deterioration from freezing & thawing are desirable.

Statement II : Strong and dense tiles are undesirable for better drain performance.

In the light of the above statements, choose the correct answer from the options given below :

(1) Both Statement I and Statement II are true

(2) Both Statement I and Statement II are false

(3) Statement I is true but Statement II is false

(4) Statement I is false but Statement II is true

Options :

92090637973. 1
92090637974. 2
92090637975. 3
92090637976. 4

Question Number : 94 Question Id : 9209069611 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं :

कथन I : उत्तम गुणवत्ता वाले खपड़े (टाइल्स) जो हिमीभवन और गलन से विकृति विरोधी होने के कारण वांछनीय होते हैं।

कथन II : बेहतर अपवाहिका निष्पादन हेतु मजबूत और सघन खपड़े (टाइल्स) अवांछनीय होते हैं।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

(1) कथन I और II दोनों सही हैं

(2) कथन I और II दोनों गलत हैं

(3) कथन I सही है, लेकिन कथन II गलत है

(4) कथन I गलत है, लेकिन कथन II सही है

Options :

92090637973. 1
92090637974. 2
92090637975. 3
92090637976. 4

Question Number : 95 Question Id : 9209069612 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A plot between rainfall intensity vs time is called as

(1) Isohyet
(2) Mass curve
(3) Hydrograph
(4) Hyetograph

Options :

92090637977. 1
92090637978. 2
92090637979. 3
92090637980. 4

Question Number : 95 Question Id : 9209069612 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

वर्षण तीव्रता बनाम समय के मध्य आलेख कहलाता है:

(1) समवर्षा रेखा
(2) बृहत् वक्र
(3) जलारेख
(4) हाइटोग्राफ

Options :

92090637977. 1
92090637978. 2
92090637979. 3
92090637980. 4

Question Number : 96 Question Id : 9209069613 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements :

Statement I : Construction cost of open ditch drain is lower as compared to plastic pipe drains now a days.

Statement II : Construction of mole drain is relatively cheaper than any other type of drainage system.

In the light of the above statements, choose the correct answer from the options given below :

(1) Both Statement I and Statement II are true

(2) Both Statement I and Statement II are false

(3) Statement I is true but Statement II is false

(4) Statement I is false but Statement II is true

Options :

92090637981. 1

92090637982. 2

92090637983. 3

92090637984. 4

Question Number : 96 Question Id : 9209069613 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं :

कथन I : आजकल प्लास्टिक नलिका की तुलना में खुली खाई अपवाहिका की निर्माण लागत निम्नतर है।

कथन II : अपवहन तन्त्र के लिए किसी दूसरे प्रकार से अपेक्षाकृत मोल अपवाहिका का निर्माण सस्ता होता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

(1) कथन I और II दोनों सही हैं

(2) कथन I और II दोनों गलत हैं

(3) कथन I सही है, लेकिन कथन II गलत है

(4) कथन I गलत है, लेकिन कथन II सही है

Options :

92090637981. 1

92090637982. 2

92090637983. 3

92090637984. 4

Question Number : 97 Question Id : 9209069614 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The tensiometer is used for

(1) Evaporation (2) Rainfall

(3) Soil moisture (4) Evapotranspiration

Options :

92090637985. 1

92090637986. 2

92090637987. 3

92090637988. 4

Question Number : 97 Question Id : 9209069614 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

पृष्ठतनाव-मापी का प्रयोग किसलिए किया जाता है?

(1) वाष्पन (2) वृष्टि

(3) मृदा आर्द्रता (4) वाष्पन-वाष्पोत्सर्जन

Options :

92090637985. 1

92090637986. 2

92090637987. 3

92090637988. 4

Question Number : 98 Question Id : 9209069615 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements : One is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : When a channel has to cross a wide depression or where the road surface lies close to the field surface, inverted siphons are used. They require periodic cleaning as well.

Reasons (R) : Since the tank of siphon acts as the stilling basin, it slows down the velocity of flowing water & retain the silt on the bottom.

In the light of the above statements, choose the most appropriate answer from the options given below :

(1) Both (A) and (R) are correct and (R) is the correct explanation of (A)

(2) Both (A) and (R) are correct but (R) is NOT the correct explanation of (A)

(3) (A) is correct but (R) is not correct

(4) (A) is not correct but (R) is correct

Options :

92090637989. 1
92090637990. 2
92090637991. 3
92090637992. 4

Question Number : 98 Question Id : 9209069615 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं : एक अभिकथन (Assertion (A)) के रूप में लिखित है तो दूसरा उसके कारण (Reasons (R)) के रूप में :

अभिकथन (A) : जब एक प्रणाल को किसी विस्तीर्ण गर्त को पार करना हो या जहाँ सड़क पृष्ठ क्षेत्र पृष्ठ के निकट स्थित हो तो प्रतिलोमित या विपर्यस्त साइफन का प्रयोग किया जाता है। उन्हें नियतकालिक स्वच्छीकरण की भी आवश्यकता होती है।

कारण (R) : क्योंकि साइफन का हौज स्थिर द्रोणी के रूप में कार्य करता है, यह प्रवाहमय जल के वेग को मंद करता है और अधस्तल पर पांशु प्रतिधारण करता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए

(1) (A) और (R) दोनों सत्य हैं और (R), (A) की सही व्याख्या है

(2) (A) और (R) दोनों सत्य हैं, लेकिन (R), (A) की सही व्याख्या नहीं है

(3) (A) सत्य है, लेकिन (R) असत्य है

(4) (A) असत्य है, लेकिन (R) सत्य है

Options :

92090637989. 1

92090637990. 2

92090637991. 3

92090637992. 4

Question Number : 99 Question Id : 9209069616 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The term normal rainfall means

(1) Average 12 years rainfall

(2) Average 24 years rainfall

(3) Average 30 years rainfall

(4) Average 40 years rainfall

Options :

92090637993. 1

92090637994. 2

92090637995. 3

92090637996. 4

Question Number : 99 Question Id : 9209069616 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सामान्य वृष्टि का अर्थ होता है:

(1) 12 वर्षों की औसत वृष्टि

(2) 24 वर्षों की औसत वृष्टि

(3) 30 वर्षों की औसत वृष्टि

(4) 40 वर्षों की औसत वृष्टि

Options :

92090637993. 1

92090637994. 2

92090637995. 3

92090637996. 4

Question Number : 100 Question Id : 9209069617 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements : One is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : Pumping in and pumping out tests provide data and information about the draw down and yield capacity of the wells.

Reasons (R) : Hydraulic properties of the well such as hydraulic conductivity, transmissivity and storage coefficient can be obtained by pumping tests.

In the light of the above statements, choose the most appropriate answer from the options given below :

(1) Both (A) and (R) are correct and (R) is the correct explanation of (A)

(2) Both (A) and (R) are correct but (R) is NOT the correct explanation of (A)

(3) (A) is correct but (R) is not correct

(4) (A) is not correct but (R) is correct

Options :

92090637997. 1

92090637998. 2

92090637999. 3

92090638000. 4

Question Number : 100 Question Id : 9209069617 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं : एक अभिकथन (Assertion (A)) के रूप में लिखित है तो दूसरा उसके कारण (Reasons (R)) के रूप में :

अभिकथन (A) : अन्तर्दमकलन (पंपिंग इन) और बहिर्दमकलन (पंपिंग आउट) परीक्षण कूपों की द्रोणी अधःपतन और लब्धि क्षमता के बारे में आंकड़ा और सूचना प्रदान करते हैं।

कारण (R) : कूप का जलदृढ़ी गुणधर्म यथा जलदृढ़ी चालकता, पारगम्यता और संग्रहण गुणांक दमकलन (पंपिंग) परीक्षण के द्वारा प्राप्त किए जा सकते हैं।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए

(1) (A) और (R) दोनों सत्य हैं और (R), (A) की सही व्याख्या है

(2) (A) और (R) दोनों सत्य हैं, लेकिन (R), (A) की सही व्याख्या नहीं है

(3) (A) सत्य है, लेकिन (R) असत्य है

(4) (A) असत्य है, लेकिन (R) सत्य है

Options :

92090637997. 1

92090637998. 2

92090637999. 3

92090638000. 4