

Common University Entrance Test (PG)

CUET PG 2023 Question Paper

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Question Paper Name :	Pharmacy Eng 13th June 2023 Shift 2
Subject Name :	Pharmacy Eng
Creation Date :	2023-06-14 23:33:52
Duration :	120
Total Marks :	400
Display Marks:	Yes

Pharmacy

Group Number :	1
Group Id :	686340191
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 :	686340381
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 :	686340635
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Id : 68634019241 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

Vidyasagar's contribution to the making of modern India is many sided. He evolved a new methodology of teaching Sanskrit. He wrote a Bengali primer which is used till this day. His writings helped in the evolution of a modern prose style in Bengali. He opened the gates of the Sanskrit college to non-brahmin students for he was opposed to the monopoly of Sanskrit studies that the priestly caste was enjoying at the time. He was determined to break the priestly monopoly of scriptural knowledge. To free Sanskrit studies from the harmful effects of self-imposed isolation, he introduced the study of Western thought in the Sanskrit College. He also helped found a college which is now named after him.

Above all Vidyasagar is remembered gratefully by his countrymen for his contribution to the uplift of India's downtrodden womanhood. Here he proved a worthy successor to Rammohun Roy. He waged a long struggle in favour of widow remarriage. His humanism was aroused to the full by the sufferings of the Hindu widows. To improve their lot he gave his all and virtually ruined himself. In 1855, he raised his powerful voice, backed by the weight of immense traditional learning, in favourof window remarriage. Soon a powerful movement in favour of widow remarriage was started which continues till this day. Later in 1855, a large number of petitions from Bengal, Madras, Bombay, Nagpur and other cities of India were presented to the government asking it to pass an act legalising the remarriage of widows. This agitation was successful and such a law was enacted.

The first lawful Hindu widow remarriage among the upper castes in our country was celebrated in Calcutta on 7 December 1856 under the inspiration and supervision of Vidyasagar. Widows of many other castes in different parts of the country already enjoyed this right under customary law.

Sub questions

Question Number : 1 Question Id : 68634019242 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

When was the first lawful Hindu widow remarriage among the upper castes in our country celebrated?

1. 7 December 1865
2. 17 December 1685
3. 7 December 1586
4. 7 December 1856

Options :
68634076001. 1
68634076002. 2
68634076003. 3
68634076004. 4

Question Number : 2 Question Id : 68634019243 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: Vidyasagar is remembered gratefully by his countrymen for his contribution to the uplift of India's downtrodden motherhood.

Statement II: Vidyasagar evolved a new methodology of teaching Sanskrit.

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 :

68634076005. 1
68634076006. 2
68634076007. 3
68634076008. 4

Question Number : 3 Question Id : 68634019244 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 word substitution for the following phrase: The exclusive possession or control of the supply of or trade in a commodity or service

1. Monopoly
2. Monotone
3. Analogous
4. Anarchy

Options :

68634076009. 1
68634076010. 2
68634076011. 3
68634076012. 4

Question Number : 4 Question Id : 68634019245 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 out the meaning of the term 'agitation' from the options given below

1. campaign to arouse public concern about an issue

2. resentful because of unfair treatment

3. violent behaviour

4. not interesting because of lack of change or variety

Options :
68634076013. 1
68634076014. 2
68634076015. 3
68634076016. 4

Question Number : 5 Question Id : 68634019246 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 out the opposite meaning of the term 'downtrodden' from the options given below

1. Educated

2. Neglected

3. Respected

4. Helpless

Options :
68634076017. 1
68634076018. 2
68634076019. 3
68634076020. 4

Question Id : 68634019241 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

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The first lawful Hindu widow remarriage among the upper castes in our country was celebrated in Calcutta on 7 December 1856 under the inspiration and supervision of Vidyasagar. Widows of many other castes in different parts of the country already enjoyed this right under customary law.

Sub questions

Question Number : 1 Question Id : 68634019242 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
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68634076002. 2
68634076003. 3
68634076004. 4

Question Number : 2 Question Id : 68634019243 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

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Options :

68634076005. 1
68634076006. 2
68634076007. 3
68634076008. 4

Question Number : 3 Question Id : 68634019244 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 word substitution for the following phrase: The exclusive possession or control of the supply of or trade in a commodity or service

1. Monopoly
2. Monotone
3. Analogous
4. Anarchy

Options :

68634076009. 1
68634076010. 2
68634076011. 3
68634076012. 4

Question Number : 4 Question Id : 68634019245 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 out the meaning of the term 'agitation' from the options given below

1. campaign to arouse public concern about an issue

2. resentful because of unfair treatment

3. violent behaviour

4. not interesting because of lack of change or variety

Options :
68634076013. 1
68634076014. 2
68634076015. 3
68634076016. 4

Question Number : 5 Question Id : 68634019246 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 out the opposite meaning of the term 'downtrodden' from the options given below

1. Educated

2. Neglected

3. Respected

4. Helpless

Options :
68634076017. 1
68634076018. 2
68634076019. 3
68634076020. 4

Sub-Section Number :	2
Sub-Section Id :	686340636
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 6 Question Id : 68634019247 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 pair.

1. I think you'll leave now. It's vary late.

2. I think you're leaving now. It's very late.

3. I think you should leave now. It's very late.

4. I think you left now. It's very late.

Options :
68634076021. 1
68634076022. 2
68634076023. 3
68634076024. 4

Question Number : 6 Question Id : 68634019247 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 pair.

1. I think you'll leave now. It's vary late.

2. I think you're leaving now. It's very late.

3. I think you should leave now. It's very late.

4. I think you left now. It's very late.

Options :
68634076021. 1
68634076022. 2
68634076023. 3
68634076024. 4

Question Number : 7 Question Id : 68634019248 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 correctly spelt word.

1. Obsolescent

2. Obsolencent

3. Obsolentes

4. Obsolensent

Options :
68634076025. 1
68634076026. 2

68634076027. 3
68634076028. 4

Question Number : 7 Question Id : 68634019248 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 correctly spelt word.

1. Obsolescent
2. Obsolencent
3. Obsolentes
4. Obsolensent

Options :
68634076025. 1
68634076026. 2
68634076027. 3
68634076028. 4

Question Number : 8 Question Id : 68634019249 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 out which part of the sentence has an error, if there is no error, mark option 4.

1. The animals having a narrow range
2. of tolerance of temperatue
3. is restricted to specific areas only.
4. No error

Options :
68634076029. 1
68634076030. 2
68634076031. 3
68634076032. 4

Question Number : 8 Question Id : 68634019249 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 out which part of the sentence has an error, if there is no error, mark option 4.

1. The animals having a narrow range

2. of tolerance of temperatue

3. is restricted to specific areas only.

4. No error

Options :
68634076029. 1
68634076030. 2
68634076031. 3
68634076032. 4

Question Number : 9 Question Id : 68634019250 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

Identify the correct form of indirect speech of the following sentence.

He said to me, "What are you doing".

1. He asked me what he was doing.

2. He asked me what I was doing.

3. He asked me what were you doing.

4. He asked about my work.

Options :
68634076033. 1
68634076034. 2
68634076035. 3
68634076036. 4

Question Number : 9 Question Id : 68634019250 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

Identify the correct form of indirect speech of the following sentence.

He said to me, "What are you doing".

1. He asked me what he was doing.

2. He asked me what I was doing.

3. He asked me what were you doing.

4. He asked about my work.

Options :
68634076033. 1
68634076034. 2
68634076035. 3
68634076036. 4

Question Number : 10 Question Id : 68634019251 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 active voice form of the following sentence:

Better results are expected soon by the Chairman.

1. The Chairman expected better results soon.
2. The Chairman is expecting better results sooner or later.
3. The Chairman expects better results soon.
4. The Chairman never expects better results soon.

Options :
68634076037. 1
68634076038. 2
68634076039. 3
68634076040. 4

Question Number : 10 Question Id : 68634019251 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 active voice form of the following sentence:

Better results are expected soon by the Chairman.

1. The Chairman expected better results soon.
2. The Chairman is expecting better results sooner or later.
3. The Chairman expects better results soon.
4. The Chairman never expects better results soon.

Options :
68634076037. 1
68634076038. 2
68634076039. 3
68634076040. 4

Question Number : 11 Question Id : 68634019252 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

Who has been named as the Laureus Sportsman of the Year 2022?

1. Christiano Ronaldo
2. Roger Federar
3. Neeraj Chopra
4. Max Verstappen

Options :
68634076041. 1
68634076042. 2
68634076043. 3
68634076044. 4

Question Number : 11 Question Id : 68634019252 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

Who has been named as the Laureus Sportsman of the Year 2022?

1. Christiano Ronaldo
2. Roger Federar
3. Neeraj Chopra
4. Max Verstappen

Options :
68634076041. 1
68634076042. 2
68634076043. 3
68634076044. 4

Question Number : 12 Question Id : 68634019253 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

As a result of assignments signed will South Africa and Nambia 'Cheetahs' have been released to which state?

1. Assam
2. Madhya Pradesh
3. Rajasthan
4. Gujarat

Options :
68634076045. 1
68634076046. 2

68634076047. 3
68634076048. 4

Question Number : 12 Question Id : 68634019253 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

As a result of assignments signed will South Africa and Nambia 'Cheetahs' have been released to which state?

1. Assam
2. Madhya Pradesh
3. Rajasthan
4. Gujarat

Options :
68634076045. 1
68634076046. 2
68634076047. 3
68634076048. 4

Question Number : 13 Question Id : 68634019254 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 of the following states has the lowest unemployment rate in 2022.

1. Jharkhand
2. Orissa
3. Haryana
4. Chhattisgarh

Options :
68634076049. 1
68634076050. 2
68634076051. 3
68634076052. 4

Question Number : 13 Question Id : 68634019254 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 of the following states has the lowest unemployment rate in 2022.

1. Jharkhand
2. Orissa
3. Haryana
4. Chhattisgarh

Options :
68634076049. 1
68634076050. 2
68634076051. 3
68634076052. 4

Question Number : 14 Question Id : 68634019255 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 recession is to be combatted:

1. Bank rate needs to be lowered
2. CRR needs to be lowered
3. Bank rate and CRR needs to be lowered
4. Repo rate needs to be lowered and CRR need to be raised

Options :
68634076053. 1
68634076054. 2
68634076055. 3
68634076056. 4

Question Number : 14 Question Id : 68634019255 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 recession is to be combatted:

1. Bank rate needs to be lowered
2. CRR needs to be lowered
3. Bank rate and CRR needs to be lowered
4. Repo rate needs to be lowered and CRR need to be raised

Options :
68634076053. 1
68634076054. 2

68634076055. 3
68634076056. 4

Question Number : 15 Question Id : 68634019256 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

National Science Day is celebrated on 28 February to mark the

1. Discovery of 'Raman Effect'
2. Formation of ISRO
3. Launch of First Indian Sattellite
4. First 'Nuclear Test' of India

Options :
68634076057. 1
68634076058. 2
68634076059. 3
68634076060. 4

Question Number : 15 Question Id : 68634019256 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

National Science Day is celebrated on 28 February to mark the

1. Discovery of 'Raman Effect'
2. Formation of ISRO
3. Launch of First Indian Sattellite
4. First 'Nuclear Test' of India

Options :
68634076057. 1
68634076058. 2
68634076059. 3
68634076060. 4

Question Number : 16 Question Id : 68634019257 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 in a codel language LION is written as 1291514. Then how will ALLIGATOR be written as?

1. 11212971201518

2. 11212791211518

3. 12121791211518

4. 11212961201518

Options :
68634076061. 1
68634076062. 2
68634076063. 3
68634076064. 4

Question Number : 16 Question Id : 68634019257 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 in a codel language LION is written as 1291514. Then how will ALLIGATOR be written as?

1. 11212971201518

2. 11212791211518

3. 12121791211518

4. 11212961201518

Options :
68634076061. 1
68634076062. 2
68634076063. 3
68634076064. 4

Question Number : 17 Question Id : 68634019258 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 pair which best represents a similar relationship to the one expressed in the original pair of words -

Skipper : Team

1. Driver : Bus

2. Conductor : Orchestra

3. Air hosters : Airplane

4. Peon : Office

Options :
68634076065. 1

68634076066. 2
68634076067. 3
68634076068. 4

Question Number : 17 Question Id : 68634019258 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 pair which best represents a similar relationship to the one expressed in the original pair of words -

Skipper : Team

1. Driver : Bus
2. Conductor : Orchestra
3. Air hosters : Airplane
4. Peon : Office

Options :
68634076065. 1
68634076066. 2
68634076067. 3
68634076068. 4

Question Number : 18 Question Id : 68634019259 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

Sham was walking towards South. After walking for 7 km, he took a right turn. After 3 km, he again took a right turn and continued walking for 4 km. He then took a left turn and walked 2 km. He took another left turn and covered a distance of 9 km. How far he is from the starting point?

1. 11 km
2. 17 km
3. 13 km
4. 15 km

Options :
68634076069. 1
68634076070. 2
68634076071. 3
68634076072. 4

Question Number : 18 Question Id : 68634019259 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

Sham was walking towards South. After walking for 7 km, he took a right turn. After 3 km, he again took a right turn and continued walking for 4 km. He then took a left turn and walked 2 km. He took another left turn and covered a distance of 9 km. How far he is from the starting point?

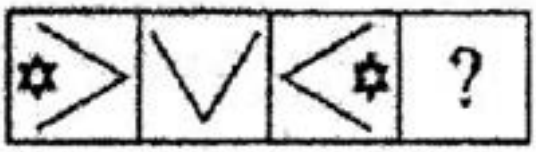
1. 11 km
2. 17 km
3. 13 km
4. 15 km

Options :
68634076069. 1
68634076070. 2
68634076071. 3
68634076072. 4

Question Number : 19 Question Id : 68634019260 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

Select a suitable figure from the answer figures that can replace the question mark (?)

Problem Figures



(1) (2) (3) (4)

Answer Figures



A B C D

Select the suitable answer figure that would replace the question mark.

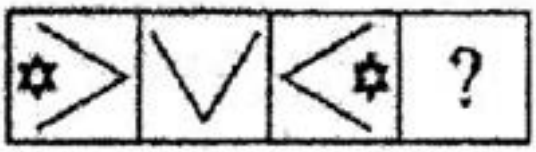
1. A
2. B
3. C
4. D

Options :
68634076073. 1
68634076074. 2
68634076075. 3
68634076076. 4

Question Number : 19 Question Id : 68634019260 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

Select a suitable figure from the answer figures that can replace the question mark (?)

Problem Figures



Answer Figures



(1) (2) (3) (4) A B C D

Select the suitable answer figure that would replace the question mark.

1. A
2. B
3. C
4. D

Options :

68634076073. 1
68634076074. 2
68634076075. 3
68634076076. 4

Question Number : 20 Question Id : 68634019261 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 statement is followed by two courses of action. Assume that everything written in the statement is true. On the basis of the statement decide which course of action logically follows for perusing.

Statement :

As the booking for new car being launched by XYZ company opened, the car dealer witnesses long queues. The customers complained of poor conditions and demanded extension of booking time.

Course of action :

(i) The car dealer should increase number of desks for booking and increase business hours to ease the heavy rush.

(ii) The car dealer should introduce online booking of cars

1. Only (i) follows
2. Only (ii) follows
3. Neither (i) nor (ii) follows
4. Both (i) and (ii) follows

Options :
68634076077. 1
68634076078. 2
68634076079. 3
68634076080. 4

Question Number : 20 Question Id : 68634019261 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 statement is followed by two courses of action. Assume that everything written in the statement is true. On the basis of the statement decide which course of action logically follows for perusing.

Statement :

As the booking for new car being launched by XYZ company opened, the car dealer witnesses long queues. The customers complained of poor conditions and demanded extension of booking time.

Course of action :

(i) The car dealer should increase number of desks for booking and increase business hours to ease the heavy rush.

(ii) The car dealer should introduce online booking of cars

1. Only (i) follows
2. Only (ii) follows
3. Neither (i) nor (ii) follows
4. Both (i) and (ii) follows

Options :
68634076077. 1
68634076078. 2
68634076079. 3
68634076080. 4

Question Number : 21 Question Id : 68634019262 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 average of 5 consecutive positive integers starting with m is n. What is the average of 6 consecutive positive integers starting with (m+2) ?

1. $(2n+5)/2$
2. $n+2$
3. $n+3$
4. $(2n+9)/2$

Options :
68634076081. 1
68634076082. 2
68634076083. 3
68634076084. 4

Question Number : 21 Question Id : 68634019262 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 average of 5 consecutive positive integers starting with m is n. What is the average of 6 consecutive positive integers starting with (m+2) ?

1. (2n+5)/2

2. n+2

3. n+3

4. (2n+9)/2

Options :
68634076081. 1
68634076082. 2
68634076083. 3
68634076084. 4

Question Number : 22 Question Id : 68634019263 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

How many words can be formed from the letters of the word ORIENTAL so that vowels always occupy the odd places?

1. 576

2. 578

3. 580

4. 678

Options :
68634076085. 1
68634076086. 2
68634076087. 3
68634076088. 4

Question Number : 22 Question Id : 68634019263 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

How many words can be formed from the letters of the word ORIENTAL so that vowels always occupy the odd places?

1. 576

2. 578

3. 580

4. 678

Options :
68634076085. 1
68634076086. 2
68634076087. 3
68634076088. 4

Question Number : 23 Question Id : 68634019264 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

Ayan borrowed Rs. 50,000 from Ayush on 25th April, 2022 at 12% p.a. simple interest. Ayan cleared his debt on 18th September, 2022. How much interest is paid by Ayan?

1. ₹ 2,200

2. ₹ 2,350

3. ₹ 2,400

4. ₹ 2,550

Options :
68634076089. 1
68634076090. 2
68634076091. 3
68634076092. 4

Question Number : 23 Question Id : 68634019264 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

Ayan borrowed Rs. 50,000 from Ayush on 25th April, 2022 at 12% p.a. simple interest. Ayan cleared his debt on 18th September, 2022. How much interest is paid by Ayan?

1. ₹ 2,200

2. ₹ 2,350

3. ₹ 2,400

4. ₹ 2,550

Options :

68634076089. 1

68634076090. 2

68634076091. 3

68634076092. 4

Question Number : 24 Question Id : 68634019265 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

Arrange the following numbers (A-D) in descending order.

A. $4^{1/3}$

B. $2^{1/2}$

C. $3^{1/6}$

D. $5^{1/4}$

Choose the correct answer from the options given below:

1. D, A, B, C.

2. A, D, B, C

3. B, D, A, C

4. C, B, D, A

Options :

68634076093. 1

68634076094. 2

68634076095. 3

68634076096. 4

Question Number : 24 Question Id : 68634019265 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

Arrange the following numbers (A-D) in descending order.

A. $4^{1/3}$
B. $2^{1/2}$
C. $3^{1/6}$
D. $5^{1/4}$

Choose the correct answer from the options given below:

1. D, A, B, C,

2. A, D, B, C

3. B, D, A, C

4. C, B, D, A

Options :
68634076093. 1
68634076094. 2
68634076095. 3
68634076096. 4

Question Number : 25 Question Id : 68634019266 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

Three containers have their volumes in the ratio 3:4:5. They are full of mixture of milk and water in the ratio 4:1, 3:1 and 5:2 respectively. The mixtures from all these three containers are poured into a fourth container. The ratio of milk and water in the fourth container is:

1. 4:1

2. 151:48

3. 157:53

4. 5:2

Options :
68634076097. 1
68634076098. 2
68634076099. 3
68634076100. 4

Question Number : 25 Question Id : 68634019266 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

Three containers have their volumes in the ratio 3:4:5. They are full of mixture of milk and water in the ratio 4:1, 3:1 and 5:2 respectively. The mixtures from all these three containers are poured into a fourth container. The ratio of milk and water in the fourth container is:

1. 4:1

2. 151:48

3. 157:53

4. 5:2

Options :
68634076097. 1
68634076098. 2
68634076099. 3
68634076100. 4

Part B: Pharmacy

Section Id :	686340382
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 :	686340637
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 26 Question Id : 68634019267 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

Identify the correct statements.

A. Prazosin is selective α1-adrenergic antagonist.
B. Methyldopa is centrally acting adrenergic drugs.
C. Sodium nitroprusside is long acting antihypertensive drug.
D. Sildenafil is potent inhibitor of PDE5

Choose the most appropriate answer from the options given below :

1. A and B Only

2. A, B and D Only

3. B, C and D Only

4. A, B and C Only

Options :
68634076101. 1
68634076102. 2
68634076103. 3
68634076104. 4

Question Number : 26 Question Id : 68634019267 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

सही कथनों की पहचान करें:

A. प्रोसोजिन चयनित α-एड्रीनर्जिक एंटागोनिस्ट है।
B. मेथाइलडोप केन्द्रीय कार्यवाही एड्रीनजिक ओषधि है।
C. सोडियम नाइट्रोप्रूसाइड दीर्घावधि उच्चरक्तचाप रोधी ओषधि है।
D. सिल्डेनाफिल PDE5 की संभाव्य अवरोधक है।

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

1. केवल A और B

2. केवल A, B और D

3. केवल B, C और D

4. केवल A, B और C

Options :
68634076101. 1
68634076102. 2
68634076103. 3
68634076104. 4

Question Number : 27 Question Id : 68634019268 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

Identify the correct statements.

A. In EDTA titration metal ion sensitive Indicator is employed.
B. An effective masking agent is cyanide ion forms stable complex with cations of Zn, Cu, Co, Ag.
C. Purpuric acid ammonium salt is an example of metal ion indicator.
D. Calcium is determined in presence of Magnesium.
E. Hardness of water is due to undissolved calcium and magnesium salt.

Choose the correct answer from the options given below :

1. A and B Only

2. A, B, C Only

3. A, B, C, D Only

4. E Only

Options :
68634076105. 1
68634076106. 2
68634076107. 3
68634076108. 4

Question Number : 27 Question Id : 68634019268 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. EDTA टाइट्रेशनवोइधि में आयन संवेदी सूचकांक प्रयुक्त होता है।
B. सायनाइड आयन एक प्रभावी मास्किंग एजेंट है, जो Zn, Cu, Co, Ag के केशन के साथ स्थिर जटिल बनाता है।
C. परपूरिक अम्ल अमोनियम लावन धातु आयन सूचक का उदाहरण है
D. कैल्शियम, मैगनीशियम की उपस्थिति में निर्धारण होता है।
E. जल की कठोरता अघुलनशील कैल्शियम और मैग्नीशियम लावण के कारण होती है।

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

1. केवल A और B

2. केवल A, B, C

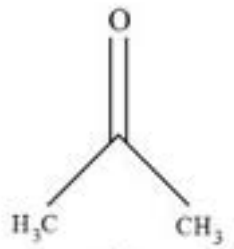
3. केवल A, B, C, D

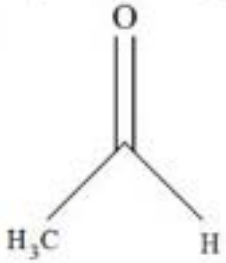
4. केवल E

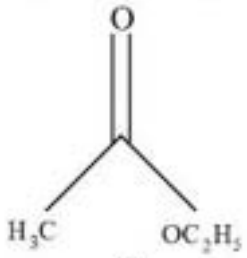
Options :
68634076105. 1
68634076106. 2
68634076107. 3
68634076108. 4

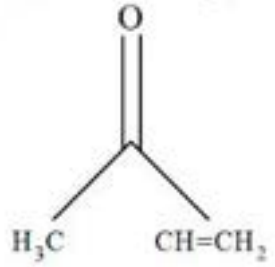
Question Number : 28 Question Id : 68634019269 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

The following carbonyl compounds absorb IR radiations in the decreasing order.

A. 

B. 

C. 

D. 

Choose the correct answer from the options given below :

1. A>B>C>D

2. D>B>A>C

3. C>B>A>D

4. D>A>B>C

Options :

68634076109. 1

68634076110. 2

68634076111. 3

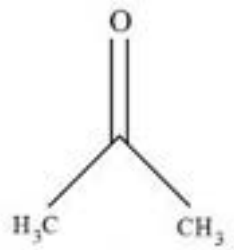
68634076112. 4

Question Number : 28 Question Id : 68634019269 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

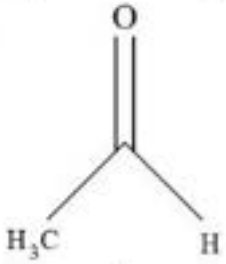
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित कार्बोनिक यौगिक घटते क्रम में IR विकिरणों को अवशोषित करते हैं।

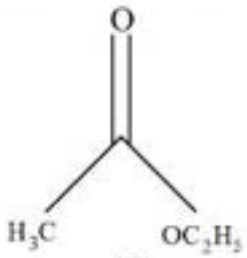
A.



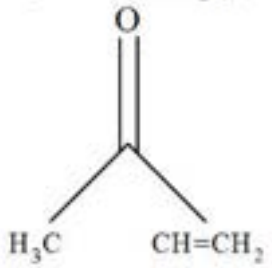
B.



C.



D.



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

1. A>B>C>D
2. D>B>A>C
3. C>B>A>D
4. D>A>B>C

Options :

68634076109. 1
68634076110. 2
68634076111. 3
68634076112. 4

Question Number : 29 Question Id : 68634019270 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

Identify the correct statement regarding titrimetric analysis.

1. Sulfonamide antibiotics cannot be analyzed by diazotization titration.
2. Ion-pair titration involves a colored indicator complex in assay of dicyclomine elixir.
3. The Karl Fischer reagent includes iodine, methanol and sulfuric acid.
4. Primary standards are unstable chemical compound.

Options :
68634076113. 1
68634076114. 2
68634076115. 3
68634076116. 4

Question Number : 29 Question Id : 68634019270 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

टाईट्रिमिट्रिक विश्लेषण के संबंध में सही कथन की पहचान कीजिए:

1. डायाजोटिशन टाइट्रेशन द्वारा सुइफोनामाइड एंटीबायोटिक्स का विश्लेषण नहीं किया जा सकता है।
2. आयन जोड़ा टाइट्रेशन डाइक्लामाइन इलिक्सिर के आमायन में रंगीन सूचक जटिल संलग्न होता है।
3. कार्ल फिशर रिजेंट में आयोडीन, मेथालोन और सल्फ्यूरिक एसिड सम्मिलित होता है।
4. प्राथमिक मानदंड अस्थिर रासायनिक यौगिक होते हैं।

Options :
68634076113. 1
68634076114. 2
68634076115. 3
68634076116. 4

Question Number : 30 Question Id : 68634019271 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

How many chiral carbon atoms are there in the penicillin. molecule ?

1. two
2. three
3. four
4. five

Options :
68634076117. 1
68634076118. 2
68634076119. 3

68634076120. 4

Question Number : 30 Question Id : 68634019271 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

पेंसिलिन अणु में कितने काइरल कार्बन परमाणु होते हैं?

1. दो
2. तीन
3. चार
4. पांच

Options :
68634076117. 1
68634076118. 2
68634076119. 3
68634076120. 4

Question Number : 31 Question Id : 68634019272 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

Molecular docking is an example of _____

1. Ligand based drug design
2. COMFA
3. COMSIA
4. Structure based drug design

Options :
68634076121. 1
68634076122. 2
68634076123. 3
68634076124. 4

Question Number : 31 Question Id : 68634019272 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

मोलिक्यूलर डोकिंग _____ का उदाहरण है।

1. लीजेंड आधारित औषध अभिविन्यास

2. कोम्फा

3. कोम्सिआ

4. संरचना आधारित औषध अभिविन्यास

Options :
68634076121. 1
68634076122. 2
68634076123. 3
68634076124. 4

Question Number : 32 Question Id : 68634019273 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

Nomenclature of heterocyclic compounds is governed by

1. CIP rules

2. Fischer Rules

3. Blanc's rule

4. Hantzsch - Widman rule

Options :
68634076125. 1
68634076126. 2
68634076127. 3
68634076128. 4

Question Number : 32 Question Id : 68634019273 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

विषमरूप चक्रीय यौगिकों का नामकरण किसके द्वारा शासित होता है :

1. सी आई पी नियम

2. फिशर नियम

3. ब्लैंक नियम

4. हैंटेज- विड मैन नियम

Options :
68634076125. 1
68634076126. 2

68634076127. 3
68634076128. 4

Question Number : 33 Question Id : 68634019274 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

Arrange the following in their decreasing order of pKa.

A. HF
B. HCl
C. HBr
D. HI

Choose the correct answer from the options given below :

1. A>B>C>D

2. A>B>D>C

3. B>A>C>D

4. C>A>B>D

Options :
68634076129. 1
68634076130. 2
68634076131. 3
68634076132. 4

Question Number : 33 Question Id : 68634019274 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 को pKa के घटते क्रम में व्यवस्थित कीजिए :

A. HF
B. HCl
C. HBr
D. HI

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

1. A>B>C>D

2. A>B>D>C

3. B>A>C>D

4. C>A>B>D

Options :
68634076129. 1
68634076130. 2
68634076131. 3

68634076132. 4

Question Number : 34 Question Id : 68634019275 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 of the following is not a reaction intermediate ?

1. Carbocation
2. Carbanion
3. Nitrene
4. Epoxides

Options :
68634076133. 1
68634076134. 2
68634076135. 3
68634076136. 4

Question Number : 34 Question Id : 68634019275 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

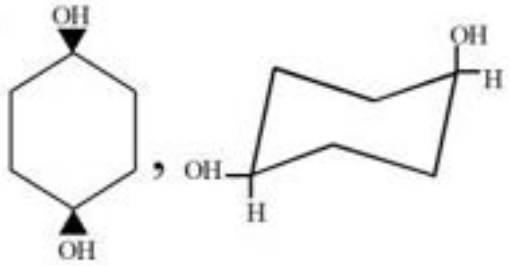
निम्नलिखित में से कौन सा अभिक्रिया माध्यस्थ नहीं है?

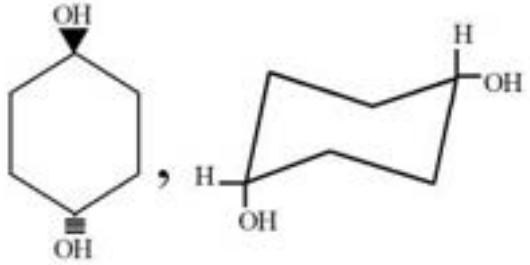
1. कार्बोकिशन
2. कार्बानियन
3. नाइट्रिक
4. इमोम्साइड

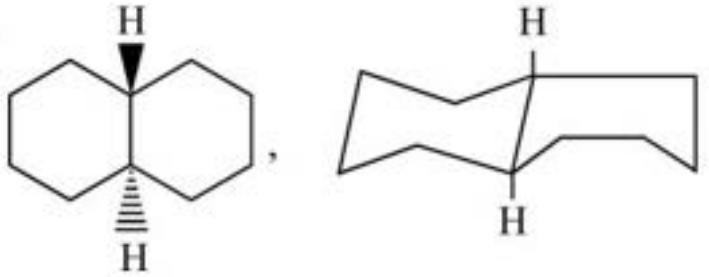
Options :
68634076133. 1
68634076134. 2
68634076135. 3
68634076136. 4

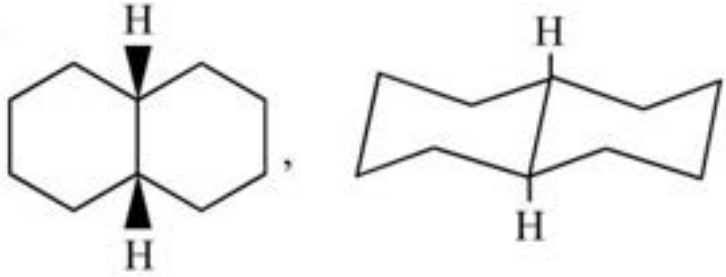
Question Number : 35 Question Id : 68634019276 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Identify the correct representation.

1. 

2. 

3. 

4. 

Options :

68634076137. 1

68634076138. 2

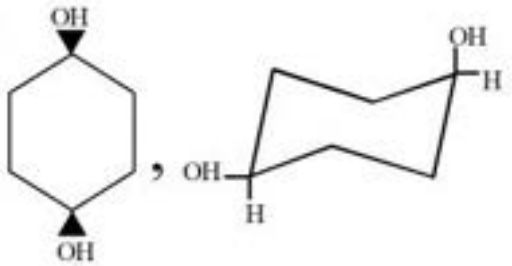
68634076139. 3

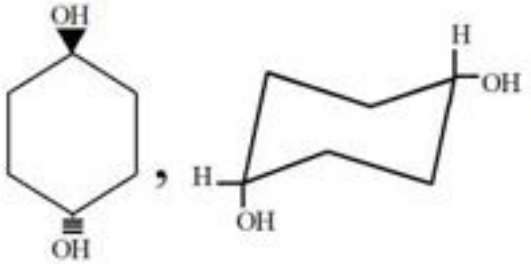
68634076140. 4

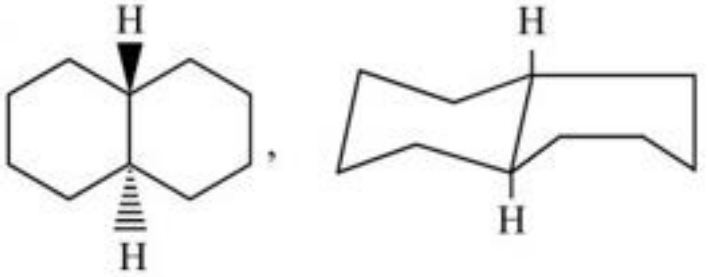
Question Number : 35 Question Id : 68634019276 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

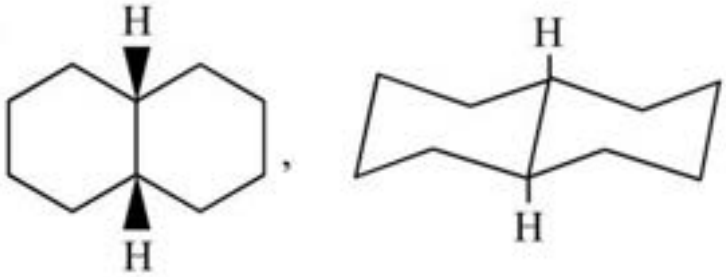
Correct Marks : 4 Wrong Marks : 1

सही निरूपण की पहचान कीजिए:

1. 

2. 

3. 

4. 

Options :

68634076137. 1

68634076138. 2

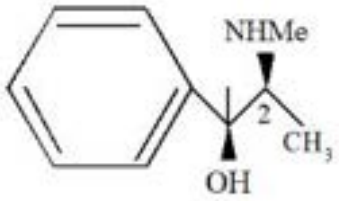
68634076139. 3

68634076140. 4

Question Number : 36 Question Id : 68634019277 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 configuration at 1 and 2 is



1. 1R, 2R

2. 1R, 2S

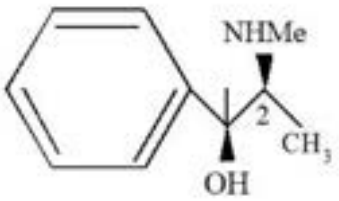
3. 1S, 2S

4. 1S, 2R

Options :
68634076141. 1
68634076142. 2
68634076143. 3
68634076144. 4

Question Number : 36 Question Id : 68634019277 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

1 और 2 पर विन्यास है



1. 1R, 2R

2. 1R, 2S

3. 1S, 2S

4. 1S, 2R

Options :
68634076141. 1
68634076142. 2
68634076143. 3
68634076144. 4

Question Number : 37 Question Id : 68634019278 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 of the following is type of Electrophilic aromatic substitution ?

1. Benzyne mechanism

2. nitration of chlorobenzene

3. nitration of benzene

4. bromination of cyclohexene

Options :
68634076145. 1
68634076146. 2
68634076147. 3
68634076148. 4

Question Number : 37 Question Id : 68634019278 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 सा इलेक्ट्रोफिलिक एरोमेटिक प्रतिस्थापन का प्रकार है?

1. बेंजीन प्रणाली

2. क्लोरोबेंजीन का नाइट्रेशन

3. बेंजीन का नाइट्रेशन

4. साइक्लोहेक्सेन का ब्रोमिनी करण

Options :
68634076145. 1
68634076146. 2
68634076147. 3
68634076148. 4

Question Number : 38 Question Id : 68634019279 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

Give below are two statements :

Statement I : In diazotization titration, acidified sodium nitrite is used.

Statement II : In diazotization titration, nitrous acid converts primary aromatic amine into a diazonium salt.

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 :

68634076149. 1
68634076150. 2
68634076151. 3
68634076152. 4

Question Number : 38 Question Id : 68634019279 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- डायाजोटाइसेशन टाइट्रेशन में अम्लीकृत सोडियम नाइट्रेट प्रयुक्त होता है।

कथन II- डायाजोटाइसेशन टाइट्रेशन में नाइट्रस प्राथमिक एरोमेटिक एमाइन को डायाजोनिएम लावन में परिवर्तित करता है।

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

1. कथन I और कथन II दोनों सही हैं
2. कथन I और कथन 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 :

68634076149. 1
68634076150. 2
68634076151. 3
68634076152. 4

Question Number : 39 Question Id : 68634019280 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

Give below are two statements :

Statement I : Potentiometric titration provides the principal method for pKa values determination.

Statement II : The electrode whose potential depends on the concertation of the ion to be determined is called Indicator Electrode.

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 :

68634076153. 1
68634076154. 2
68634076155. 3
68634076156. 4

Question Number : 39 Question Id : 68634019280 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- पोर्टेशियोमेट्रिक टाइट्रेशन pKa मान निर्धारण के लिए प्रधान विधि प्रदान करता है।

कथन II- इलेक्ट्रोड जिसकी संभाव्यता निर्धारित किये जाने वाले आयन के सांद्रण पर निर्भर करती है, सूचक इलेक्ट्रॉड कहलाता है।

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

1. कथन I और कथन II दोनों सही है
2. कथन I और कथन II दोनों गलत है
3. कथन I सही है, लेकिन कथन II गलत है
4. कथन I गलत है, लेकिन कथन II सही है

Options :

68634076153. 1
68634076154. 2
68634076155. 3
68634076156. 4

Question Number : 40 Question Id : 68634019281 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

Identify the most commonly used method in gravimetric analysis.

1. Volatilization

2. Electroanalytical

3. Extraction and chromatographic

4. Precipitation method

Options :
68634076157. 1
68634076158. 2
68634076159. 3
68634076160. 4

Question Number : 40 Question Id : 68634019281 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

ग्रोविमिट्रिक विश्लेषण में प्रयुक्त की जाने वाली सर्वाधिक प्रचलित विधि की पहचान करें :

1. वोलाटाइलीकरण

2. इलेक्ट्रोएनालिटिकल

3. निष्कर्षण और वर्णग्राफी

4. वर्षण विधि (प्रिसिपिटेशन)

Options :
68634076157. 1
68634076158. 2
68634076159. 3
68634076160. 4

Question Number : 41 Question Id : 68634019282 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 of the following statements is incorrect about conductimetry ?

1. The reciprocal of resistance is termed the conductance

2. For strong electrolytes the molar conductivity increases as the dilution is increased

3. For weak electrolytes, degree of ionization increases with dilution.

4. Titration of cyclohexene with bromine is an example of conductometric titration.

Options :
68634076161. 1
68634076162. 2
68634076163. 3

68634076164. 4

Question Number : 41 Question Id : 68634019282 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

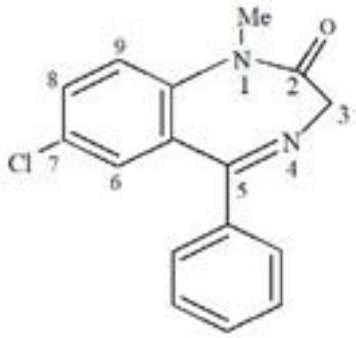
निम्नलिखित में से कौनसा कथन कंडम्टीमिट्री के बारे में असत्य है?

1. प्रतिसेध के आदान प्रदान को कंडम्टेंस कहा जाता है।
2. मजबूत इलेक्ट्रोलाइट्स के लिए चालन संवहनीयता विलायक के बढ़ने के साथ बढ़ती है।
3. कमजोर इलेक्ट्रोलाइट्स के लिए आयनीकरण की मात्रा विलायक के साथ बढ़ती है।
4. ब्रोमीन के साथ साइक्लोहेक्सेन का ट्राइट्रेशन कंडक्टीमिट्रिक ट्राइट्रेशन का उदाहरण है।

Options :
68634076161. 1
68634076162. 2
68634076163. 3
68634076164. 4

Question Number : 42 Question Id : 68634019283 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

Diazepam is first metabolized by _____

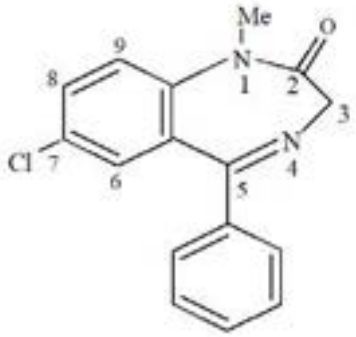


1. 7-dechlorination
2. 3-Hydroxylation
3. Ketone reduction at C–2 position
4. N^1 demethylation

Options :
68634076165. 1
68634076166. 2
68634076167. 3
68634076168. 4

Question Number : 42 Question Id : 68634019283 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

डाइजेपम किसके द्वारा प्रथम मेटासोलिस्करण होता है-



1. 7-विक्लोरिकरण
2. 3-हाइड्रोक्सीकरण
3. C-2 स्थिति पर कीटोन कमी
4. N^1 डिमिथायलीकरण

Options :
68634076165. 1
68634076166. 2
68634076167. 3
68634076168. 4

Question Number : 43 Question Id : 68634019284 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

While discussing SAR of Acetylcholine with reference to alkyl substitutions on the β-carbon, which statement is incorrect ?

1. Rate of hydrolysis by estruses decreases
2. Nicotinic action decreases
3. Muscarinic action increases
4. Nicotinic action increases

Options :
68634076169. 1
68634076170. 2
68634076171. 3
68634076172. 4

Question Number : 43 Question Id : 68634019284 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

β-कार्बन पर अल्काइन प्रतिस्थापनों के संदर्भ में एसीटाइलक्लोलाइन का एसएआर अवकर्षित करते समय निम्नलिखित में से कौन सा कथन असत्य है?

1. एक्सट्रेसेस के हाइड्रोलाइसिस की डर घटती है
2. नाइकोटिनिक कार्यवाई घटती है
3. म्यूसकेराइनिक कार्यवाही बढ़ती है
4. नाइकोटिनिक कार्यवाई बढ़ती है

Options :
68634076169. 1
68634076170. 2
68634076171. 3
68634076172. 4

Question Number : 44 Question Id : 68634019285 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

What is the relation between dopamine, epinephrine and nor - epinephrine ?

1. They contain secondary amine groups
2. They possess three hydroxyl groups
3. They are chemically catacholamines
4. They possess chiral carbon atom

Options :
68634076173. 1
68634076174. 2
68634076175. 3
68634076176. 4

Question Number : 44 Question Id : 68634019285 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

डेपामाइन, इफिनेफ्नाइन और नॉन -इथिनेफ्नाइन के बीच क्या संबंध है?

1. उनमें द्वितीयक एमाइन समूह होते हैं
2. उनमें तीन हाइड्रोक्साइल समूह होते हैं
3. वे रासयनिक कैचोलामाइन्स हैं
4. उनमें शिराल कार्बन परमाणु होता है

Options :
68634076173. 1

68634076174. 2
68634076175. 3
68634076176. 4

Question Number : 45 Question Id : 68634019286 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

Melphalan belongs to the following class of antineoplastic agents.

1. Antimetabolites
2. Alkylating agent
3. Antibiotics
4. Protein kinase Inhibitors

Options :
68634076177. 1
68634076178. 2
68634076179. 3
68634076180. 4

Question Number : 45 Question Id : 68634019286 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

मेल्फालेन निम्नलिखित में से किस श्रेणी के एंटीनिओप्लास्टिक एजेंटो से संबंधित है?

1. एंटीमेटासोलाइट्स
2. अल्कायलेटिंग एजेंट
3. एंटबायोटिक्स
4. प्रोटीनकाइनेस इनहिबोटर्स

Options :
68634076177. 1
68634076178. 2
68634076179. 3
68634076180. 4

Question Number : 46 Question Id : 68634019287 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

Give below are two statements : One is labelled as **Assertion A** and the other is labelled as **Reason R** :

Assertion A : Dexamethasone is five fold active than Prednisolone for anti - inflammatory action.

Reason R : Dexamethasone is the florinated derivative of prednisolone.

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 :
68634076181. 1
68634076182. 2
68634076183. 3
68634076184. 4

Question Number : 46 Question Id : 68634019287 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 रुप में लिखित हैं तो दूसरा उसके कारण (Reason R) के रुप में:

अभिकथन A: प्रवाह रोधी कार्यवाही के लिए प्रिडनीसोलेन की तुलना में डेक्सामेथासहन पांच स्तर अधिक सक्रिय है।

कारण R: डेक्सामेथासन, प्रिडनीसोलेन का फ्लोरिकृत उत्पाद 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 और R, A की सही व्याख्या नहीं है
3. A सही है लेकिन R सही नहीं है
4. A सही नही है लेकिन R सही है

Options :
68634076181. 1
68634076182. 2
68634076183. 3
68634076184. 4

Question Number : 47 Question Id : 68634019288 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

Delayed - Type Hypersensitivity is usually an effective control of Intracellular namely

1. lactobacillus leichmannii
2. mycobacterium tuberculosis
3. Pseudomonas aeruginosa
4. Herpes Simplex

Options :
68634076185. 1
68634076186. 2
68634076187. 3
68634076188. 4

Question Number : 47 Question Id : 68634019288 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

बिलंबित प्रकार की उच्च-संवेदीशीलता सामन्यतय अंतरकोशिकीय शूक्ष्मजीव का प्रभावी नियंत्रण है।

1. लैक्टोबेसिलस लेसमनी
2. माइको बैक्टीरियम ट्यूबरकुलोसिस
3. स्यूडोनोमस अरिनिगिनोसा
4. हर्पिस सिम्प्लेक्स

Options :
68634076185. 1
68634076186. 2
68634076187. 3
68634076188. 4

Question Number : 48 Question Id : 68634019289 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 part of prescription called subscription contain

1. Instructions to the patient
2. Instructions to the pharmacist
3. Instructions to the patient relatives
4. Instructions to nurse

Options :
68634076189. 1
68634076190. 2
68634076191. 3

68634076192. 4

Question Number : 48 Question Id : 68634019289 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

सब्सक्रिब्सन कहा जाने वाला परामर्श का भाग कहलाता है:

1. रोगी को अनुदेश
2. भेषजी को अनुदेश
3. रोगी के रिश्तेदारों को अनुदेश
4. परिचारिका को अनुदेश

Options :
68634076189. 1
68634076190. 2
68634076191. 3
68634076192. 4

Question Number : 49 Question Id : 68634019290 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

Give below are two statements : One is labelled as **Assertion A** and the other is labelled as **Reason R** :

Assertion A : The surface tension of a liquid is the combined strength of the polar of dispersion forces that are pulling on the molecules in the surface of the liquid.

Reason R : The addition of small quantities ion of impurities will alter the surface tension.

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 :
68634076193. 1
68634076194. 2
68634076195. 3
68634076196. 4

Question Number : 49 Question Id : 68634019290 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 रुप में लिखित हैं तो दूसरा उसके कारण (Reason R) के रुप में:

अभिकथन A: किसी तरल का पृष्ठ तनाव ध्रुवीय और विकर्षण बलों की संयुक्त शक्ति है, जो तरल के पृष्ठ पर नोड्यूल को खींच रही है।

कारण R: अल्प ,आत्रा में अशुद्धियों को जोड़ने से पृष्ठ तनाव में परिवर्तन होगा।

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

1. R दोनों सही हैं और R, A की सही व्याख्या हे
2. A और R दोनों सही हैं ओर R, A की सही व्याख्या नहीं हे
3. A सही है लेकिन R सही नहीं हे
4. A सही नही हे लेकिन R सही हे

Options :
68634076193. 1
68634076194. 2
68634076195. 3
68634076196. 4

Question Number : 50 Question Id : 68634019291 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

Ostwald ripening is related to

1. Syrup
2. Emulsion
3. Suspensions
4. Elixirs

Options :
68634076197. 1
68634076198. 2
68634076199. 3
68634076200. 4

Question Number : 50 Question Id : 68634019291 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

ओस्टवाल्ड परिपक्वन किससे संबंधित है:

1. सीरप

2. इमल्सन / पायसीकरण

3. निलंबन

4. अक्सीर

Options :
68634076197. 1
68634076198. 2
68634076199. 3
68634076200. 4

Question Number : 51 Question Id : 68634019292 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

B. Pumilus is used as Biological indicator in

1. Moist Heat sterilization

2. Dry Heat sterilization

3. Ethylene Oxide sterilization

4. Radiation sterilization

Options :
68634076201. 1
68634076202. 2
68634076203. 3
68634076204. 4

Question Number : 51 Question Id : 68634019292 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

बी. पूमिलस का उपयोग जैविकीय सूचक के रूप में किस में किया जाता है:

1. नम उष्मा बंध्याकरण

2. शुष्क ऊष्मा बंध्याकरण

3. इथायलीन ऑक्साइड बंध्याकरण

4. विकिरण बंध्याकरण

Options :
68634076201. 1
68634076202. 2

68634076203. 3
68634076204. 4

Question Number : 52 Question Id : 68634019293 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

Elementary osmotic pump delivery systems are used for _____drugs.

1. Zero order release
2. First order release
3. Second order release
4. Mixed order release

Options :
68634076205. 1
68634076206. 2
68634076207. 3
68634076208. 4

Question Number : 52 Question Id : 68634019293 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

आरंभिक ओस्मोटिक पंप का उपयोग _____दवाओं की डिलवरी प्रणाली के लिये किया जाता है।

1. शून्य क्रम निर्मुक्ति
2. प्रथम क्रम निर्मुक्ति
3. द्वितीय क्रम निर्मुक्ति
4. मिश्रित क्रम निर्मुक्ति

Options :
68634076205. 1
68634076206. 2
68634076207. 3
68634076208. 4

Question Number : 53 Question Id : 68634019294 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

Glyceryl monostearate is used as

1. Thickening agent in ointments
2. Emollient
3. Preservative
4. Suspending agent

Options :
68634076209. 1
68634076210. 2
68634076211. 3
68634076212. 4

Question Number : 53 Question Id : 68634019294 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

ग्लिसरील मोनोस्टेरेट किस रूप में प्रयुक्त होता है:

1. मरहम गाढ़ा करने वाला अभिकर्मक
2. प्रशामक
3. परिरक्षक
4. निलंबनकारी अभिकर्मक

Options :
68634076209. 1
68634076210. 2
68634076211. 3
68634076212. 4

Question Number : 54 Question Id : 68634019295 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 size of particles gives better bioavailability of digoxin

1. 20-23 μm (micro meter)
2. 10-20 μm
3. 3-4 μm
4. 6-10 μm

Options :
68634076213. 1
68634076214. 2
68634076215. 3

68634076216. 4

Question Number : 54 Question Id : 68634019295 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 प्रकार के कण दाइगोक्सिन की बेहतर जैव उपलब्धता प्रदान कारते हैं :

1. 20-23 माइक्रोमीटर (μm)
2. 10-20 μm
3. 3-4 μm
4. 6-10 μm

Options :
68634076213. 1
68634076214. 2
68634076215. 3
68634076216. 4

Question Number : 55 Question Id : 68634019296 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

Membrane filters are not manufactured from which of following polymers

1. Cellulose esters
2. Starch derivatives
3. Polyvinylidene fluoride
4. Polytetrafluoroethylene

Options :
68634076217. 1
68634076218. 2
68634076219. 3
68634076220. 4

Question Number : 55 Question Id : 68634019296 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

मेम्ब्रेन निस्यंदक निम्नलिखित में से किस पोलिमर से निर्मित नहीं किए जाते हैं:

1. सेलुलोस ईथर
2. स्टार्च व्युत्पन्न
3. पॉलीयूइनायग्लाइडिन फ्लोराइड
4. पोलीटेट्राफ्लोरो इथाइलीन

Options :
68634076217. 1
68634076218. 2
68634076219. 3
68634076220. 4

Question Number : 56 Question Id : 68634019297 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 of the following is a incorrect statement

1. Controlled release drug delivery systems usually release drugs within maximum concentration and minimum effective concentration in plasma concentration Vs Time graph
2. Sustained release dosage forms release drugs for prolonged period of time.
3. Drugs having half life of more than 10 hours are good candidate for sustained release formulations.
4. Controlled release formulations control the release of drugs spatially and temporally.

Options :
68634076221. 1
68634076222. 2
68634076223. 3
68634076224. 4

Question Number : 56 Question Id : 68634019297 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 असत्य कथन है:

1. नियंत्रित निर्मुक्ति औषध डिलिवरी प्रणाली सामान्यतया औषध को प्लाज्मा सांद्रण बनाम वीएस ग्राफ में अधिकतम सांद्रण और न्यूनतम प्रभावी सांद्रण में निर्मुक्त करता है।
2. निरंतर निर्मुक्त मात्रा रूप वाली औषधियों को लंबी अवधि के दौरान निर्मुक्त करते हैं।
3. 10 वर्ष से अधिक अर्ध आयु वाली औषधियाँ निरंतर निर्मुक्त फॉर्मोलेशन के लिये उपयुक्त हैं।
4. नियंत्रित निर्मुक्त फॉर्मूलेशन स्थानिक रूप से और अस्थायी रूप से औषधियों की निर्मुक्ति को नियंत्रित करते हैं।

Options :

68634076221. 1
68634076222. 2
68634076223. 3
68634076224. 4

Question Number : 57 Question Id : 68634019298 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 of the following emulisifying agents is of natural origin.

1. Sodium lauryl sulphate
2. Cetrimide
3. Bentonite
4. Span 80

Options :
68634076225. 1
68634076226. 2
68634076227. 3
68634076228. 4

Question Number : 57 Question Id : 68634019298 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-सा पायसीकरण अभिकर्मक प्राकृतिक मूल / उत्पत्ति का है?

1. सोडियम लोरायल सल्फेट
2. सेंट्रीमाइड
3. बेंटोनाइट
4. स्पान 80

Options :
68634076225. 1
68634076226. 2
68634076227. 3
68634076228. 4

Question Number : 58 Question Id : 68634019299 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 of the following equation is used to calculate rate of decomposition of drugs at accelerated temperature conditions

1. Stoke's equation.

2. Michaelis - Menten equation.

3. Arrhenius equation

4. Young equation.

Options :
68634076229. 1
68634076230. 2
68634076231. 3
68634076232. 4

Question Number : 58 Question Id : 68634019299 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 किस समीकरण का प्रयोग त्वरित तापमान परिस्थितियों पर औषधों के विघटन की गणना किया जाता है:

1. स्टोक का समीकरण

2. माइकेलिस - मेंटेन समीकरण

3. अरर्हेनियस समीकरण

4. यंग समीकरण

Options :
68634076229. 1
68634076230. 2
68634076231. 3
68634076232. 4

Question Number : 59 Question Id : 68634019300 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

Tween 60 is chemically known as :

1. Polyoxymethylene 80 Sorbitan monolaurate

2. Polyoxymethylene 60 Sorbitan monopalmitate

3. Polyoxymethylene 20 Sorbitan monopalmitate

4. Sorbitan monostearate

Options :
68634076233. 1
68634076234. 2

68634076235. 3
68634076236. 4

Question Number : 59 Question Id : 68634019300 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

ट्वीन 60 का रासायनिक नाम है:

1. पॉलीऑक्साइथालीन 80 सोरबिटन मोनोलेरेट
2. पॉलीऑक्साइथालीन 60 सोरबिटन मोनोपल्मीटेट
3. पॉलीऑक्साइथालीन 20 सोरबिटन मोनोस्टेरेट
4. सोरबिटन मोनोस्टेरेट

Options :
68634076233. 1
68634076234. 2
68634076235. 3
68634076236. 4

Question Number : 60 Question Id : 68634019301 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

10 g equivalent weight is equal to

1. 154.32 grains
2. 1.543 grains
3. 1534.2 grains
4. 15.432 grains

Options :
68634076237. 1
68634076238. 2
68634076239. 3
68634076240. 4

Question Number : 60 Question Id : 68634019301 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

10 ग्राम भार समतुल्य है:

1. 154.32 ग्रेन

2. 1.543 ग्रेन

3. 1534.2 ग्रेन

4. 15.432 ग्रेन

Options :
68634076237. 1
68634076238. 2
68634076239. 3
68634076240. 4

Question Number : 61 Question Id : 68634019302 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

Does dependent pharmacokinetic parameters follow which of the following kinetics

1. Zero order kinetics

2. First order kinetics

3. Non-linear pharmacokinetics

4. Linear pharmacokinetics

Options :
68634076241. 1
68634076242. 2
68634076243. 3
68634076244. 4

Question Number : 61 Question Id : 68634019302 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

खुराक निर्भर फार्माकोकाइनेट मनदण्ड निम्नलिखित में से किस काइनेटिक्स का अनुसरण करते हैं :

1. शून्य क्रम काइनेटिक्स

2. प्रथम क्रम काइनेटिक्स

3. अरैखित फार्माकोकाइनेटिक्स

4. रैखिक फार्माकोकाइनेटिक्स

Options :
68634076241. 1
68634076242. 2

68634076243. 3
68634076244. 4

Question Number : 62 Question Id : 68634019303 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

Most widely used cell lines for measuring intestinal absorption/Permeation at in vitro level is :

1. U-B7
2. CaCO-2
3. MCF-7
4. MDA-MB-231

Options :
68634076245. 1
68634076246. 2
68634076247. 3
68634076248. 4

Question Number : 62 Question Id : 68634019303 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

इनविट्रो स्तर पर आंत्र अवशोषण / पारगम्यन का मापन करने के लिए सर्वाधिक प्रयोग की जाने वाली कोशिका रेखाएं हैं?

1. U-B7
2. CaCO-2
3. MCF-7
4. MDA-MB-231

Options :
68634076245. 1
68634076246. 2
68634076247. 3
68634076248. 4

Question Number : 63 Question Id : 68634019304 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.	Passive Diffusion	I.	Partitioning and accumulation of the drug in the tissue.
B.	Perfusion Process	II.	Carrier mediate membrane transfer process with energy (ATP)
C.	Active Transport	III.	Blood flow is the rate limiting step in distribution of drag
D.	Drug Affinity	IV.	Molecules movement from high concertation to low concentration without energy (ATP).

Choose the correct answer from the options given below:

1. A-IV, B-I, C-II, D-III

2. A-III, B-I, C-IV, D-II

3. A-VI, B-III, C-II, D-I

4. A-II, B-I, C-IV, D-III

Options :
68634076249. 1
68634076250. 2
68634076251. 3
68634076252. 4

Question Number : 63 Question Id : 68634019304 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 का सूची II से मिलान कीजिए

सूची I		सूची II	
A.	निष्क्रिय विसरण / प्रसरण	I.	ऊतक में औषध का विभाजन और संचय
B.	आप्लावन	II.	वाह्य मध्यस्थ मेम्ब्रेन परिवहन प्रक्रिया, ऊर्जा (एटीपी)के साथ
C.	सक्रिय परिवहन	III.	रक्त प्रवाह, औषध वितरण में सीमितकारी सोपान दर है।
D.	औषध सह-संबंधता	IV.	बिना ऊर्जा (एटीपी) के उच्च सांद्रण से निम्न सांद्रण की ओर

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-IV, B-I, C-II, D-III

2. A-III, B-I, C-IV, D-II

3. A-VI, B-III, C-II, D-I

4. A-II, B-I, C-IV, D-III

Options :
68634076249. 1

68634076250. 2
68634076251. 3
68634076252. 4

Question Number : 64 Question Id : 68634019305 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

Correlate between powder flowability with Hausner ratio.

Match **List I** with **List II**

LIST I Hausner ratio		**LIST II** Type of flow	
A.	1.00 - 1.11	I.	Four
B.	1.12 - 1.18	II.	Poor
C.	1.19 - 1.25	III.	Excellent
D.	1.35 - 1.45	IV.	Good

Choose the correct answer from the options given below:

1. A-I, B-II, C-IV, D-III

2. A-IV, B-III, C-II, D-I

3. A-II, B-III, C-I, D-IV

4. A-III, B-IV, C-I, D-II

Options :
68634076253. 1
68634076254. 2
68634076255. 3
68634076256. 4

Question Number : 64 Question Id : 68634019305 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 का सूची II से मिलान कीजिए :

होनसर अनुपात से चूर्ण प्रवाहिता को सह-संबंध करें

सूची I होनसर अनुपात		सूची II प्रवाह का प्रकार	
A.	1.00 - 1.11	I.	ठीक
B.	1.12 - 1.18	II.	खराब
C.	1.19 - 1.25	III.	उत्कृष्ट
D.	1.35 - 1.45	IV.	अच्छा

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-I, B-II, C-IV, D-III

2. A-IV, B-III, C-II, D-I

3. A-II, B-III, C-I, D-IV

4. A-III, B-IV, C-I, D-II

Options :
68634076253. 1
68634076254. 2
68634076255. 3
68634076256. 4

Question Number : 65 Question Id : 68634019306 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 satisfaction of customers needs / demands is one of the core concepts of market. Arrange the marketing's scoops based on importance and needs.

A. Satisfying
B. Retaining
C. Increasing customers equity
D. Building relationship.

Choose the correct answer from the options given below :

1. A>B> C> D

2. D> B> C> A

3. B> C> A> D

4. B>D> A>C

Options :
68634076257. 1
68634076258. 2
68634076259. 3
68634076260. 4

Question Number : 65 Question Id : 68634019306 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

ग्राहकों की आवश्यकताओं / मांगों को संतुष्टि बाजार की मूल संकल्पनाओं में से एक है। महत्ता और आवश्यकताओं के आधार पर विपणन संभावना को व्यवस्थित करें।

A. तुष्टीकरण
B. संबंधकरण
C. बढ़ती उपभोक्ता / ग्राहक साम्यता
D. संबंध निर्माण

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

1. A>B> C> D

2. D> B> C> A

3. B> C> A> D

4. B>D> A>C

Options :
68634076257. 1
68634076258. 2
68634076259. 3
68634076260. 4

Question Number : 66 Question Id : 68634019307 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

Substances used in preparation of mixtures which do not readily dissolve unless finely powered before aqueous vehicle is added.

A. Alum
B. Boric acid
C. Ferrous Salphate
D. citric acid
E. calcium Lactate

Choose the correct answer from the options given below :

1. B+C+D+E

2. A+B+C+D

3. A+B+C+E

4. B+C+D+E

Options :
68634076261. 1
68634076262. 2

68634076263. 3
68634076264. 4

Question Number : 66 Question Id : 68634019307 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

वे पदार्थ जो ऐसे मिश्रणों के निर्माण में प्रयुक्त होते हैं, जो बारीक पिसे बिना शीघ्रता से घुलते नहीं हैं, में जलीयता से पूर्ण उनमें क्या जोड़ा जाता है :

A. एलम
B. बोरिक अम्ल
C. फेरस सल्फेट
D. साइट्रिक अम्ल
E. कैल्शियम लैक्टेट

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

1. B+C+D+E

2. A+B+C+D

3. A+B+C+E

4. B+C+D+E

Options :
68634076261. 1
68634076262. 2
68634076263. 3
68634076264. 4

Question Number : 67 Question Id : 68634019308 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

What is the exact temperature maintained for dissolution testing as per Indian pharmacopoeia ?

1. $25 \pm 2^{\circ}C$

2. $37 \pm 2^{\circ}C$

3. $37^{\circ}C$

4. $37 \pm 0.5^{\circ}C$

Options :
68634076265. 1
68634076266. 2
68634076267. 3
68634076268. 4

Question Number : 67 Question Id : 68634019308 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

भारतीय भेषज मानदंडों के अनुसार विघटन परीक्षण के लिए बनाए रखा जाने वाला सटीक तापमान क्या हैं?

1. $25 \pm 2^{\circ}C$
2. $37 \pm 2^{\circ}C$
3. $37^{\circ}C$
4. $37 \pm 0.5^{\circ}C$

Options :
68634076265. 1
68634076266. 2
68634076267. 3
68634076268. 4

Question Number : 68 Question Id : 68634019309 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

Micro organism used for microbial assay of vitamin B_{12}

1. Lactobacillus leichmannii
2. Lactobacillus acidophilus
3. Lactobacillus plantarum
4. Lactobacillus fermentii

Options :
68634076269. 1
68634076270. 2
68634076271. 3
68634076272. 4

Question Number : 68 Question Id : 68634019309 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

विटामिन B_{12} के सूक्ष्म जीवीय तापमान के लिए प्रयुक्त सूक्ष्मजीव है:

1. लैक्टोबेसिलस लेइचमैनी
2. लैक्टोबेसिलस एसिडोफाइलस
3. लैक्टोबेसिलस प्लांटारम
4. लैक्टोबेसिलस फर्मेन्टी

Options :
68634076269. 1
68634076270. 2
68634076271. 3
68634076272. 4

Question Number : 69 Question Id : 68634019310 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

Coombs test is used for

1. Detection of non-agglutinating antibodies
2. Detection of agglutinating antibodies
3. Detection of blocking types antibodies
4. Detection of mycoplasmal pneumonia

Options :
68634076273. 1
68634076274. 2
68634076275. 3
68634076276. 4

Question Number : 69 Question Id : 68634019310 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

कूम्बस परीक्षण किसके लिये प्रयुक्त होता है

1. गैर-समूहन की जाँच
2. समूहन प्रतिजैविकों की जाँच
3. प्रतिजैविकों के बंद प्रकार की जाँच
4. माइक्रोप्लाज्मा निमोनिया की जाँच

Options :
68634076273. 1
68634076274. 2
68634076275. 3
68634076276. 4

Question Number : 70 Question Id : 68634019311 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

Agents used for control of immune system, based on pioneer concept of Elie Metchnikoff.

1. Lymphocyte serum

2. Cytokine

3. Antilymphocyte serum

4. Vaccine

Options :
68634076277. 1
68634076278. 2
68634076279. 3
68634076280. 4

Question Number : 70 Question Id : 68634019311 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

एली मैक्नीकॉफ की मार्गदर्शन संकल्पना पर आधारित प्रतिरक्षा प्रणाली के नियंत्रण के लिए प्रयुक्त अभिकर्मक है:

1. लिम्फोसाइट सीरम

2. साइटोकाइन

3. लिम्फोसाइट-रोधी सीरम

4. वैक्सीन

Options :
68634076277. 1
68634076278. 2
68634076279. 3
68634076280. 4

Question Number : 71 Question Id : 68634019312 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

Give below are two statements : One is labelled as **Assertion A** and the other is labelled as **Reason R** :

Assertion A : The presence of molecular forces produces a tendancy for individual solid particles to stick to each other and to other surface.

Reason R : Adhesion and cohesion can be considered as two aspects of particle aggregation.

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

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is not false
4. **A** is not false but **R** is true

Options :

68634076281. 1
68634076282. 2
68634076283. 3
68634076284. 4

Question Number : 71 Question Id : 68634019312 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 रुप में लिखित हैं तो दूसरा उसके कारण (Reason R) के रुप में:

अभिकथन A: आण्विक बलों की उपस्थिति से व्यक्तिगत ठोस कणों में परस्पर चिपकने और सतह पर चिपकने के लिए प्रवृत्ति उत्पन्न होती है।

कारण R: आसंजन और ससंजन को कण समूहन के दो पहलू माना जा सकता है।

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

1. A और R दोनों सत्य हैं और R, A की सही व्याख्या हे
2. A और R दोनों सत्य हैं और R, A की सही व्याख्या नहीं हे
3. A सत्य हे लेकिन R असत्य हे
4. A असत्य हे लेकिन R सत्य हे

Options :

68634076281. 1
68634076282. 2
68634076283. 3
68634076284. 4

Question Number : 72 Question Id : 68634019313 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

Give below are two statements : One is labelled as **Assertion A** and the other is labelled as **Reason R**:

Assertion A : Immunoelectrophoresis or RIA is the best method for the quantification of IgE.

Reason R : Ordinary electrophoresis does not identify the subgroups of immunoglobulins IgG, IgA, IgM, IgE.

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

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is not false
4. **A** is not false but **R** is true

Options :

68634076285. 1
68634076286. 2
68634076287. 3
68634076288. 4

Question Number : 72 Question Id : 68634019313 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 रुप में लिखित हैं तो दूसरा उसके कारण (Reason R) के रुप में:

अभिकथन A: इम्यूनोइलेक्ट्रोफेरेसिस या आरआईए IgE की गणना करने के लिए श्रेष्ठ विधि है।

कारण R: साधारण इम्यूनोइलेक्ट्रोफेरेसिन IgG, IgA, IgM, IgE इम्यूनोग्लोबिन के उपसमूहों की पहचान नहीं करता है।

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

1. A और R दोनों सत्य हैं और R, A की सही व्याख्या हे
2. A और R दोनों सत्य हैं और R, A की सही व्याख्या नहीं हे
3. A सत्य हे लेकिन R असत्य हे
4. A असत्य हे लेकिन R सत्य हे

Options :

68634076285. 1
68634076286. 2
68634076287. 3
68634076288. 4

Question Number : 73 Question Id : 68634019314 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

Give below are two statements : One is labelled as **Assertion A** and the other is labelled as **Reason R**:

Assertion A : The modified Noyes - Whitney equation states that larger the surface area of a drug, higher is the dissolution rate.

Reason R : the surface area increases with decreasing particle size.

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

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is not false
4. **A** is not false but **R** is true

Options :

68634076289. 1
68634076290. 2
68634076291. 3
68634076292. 4

Question Number : 73 Question Id : 68634019314 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 रुप में लिखित हैं तो दूसरा उसके कारण (Reason R) के रुप में:

अभिकथन A: रूपांतरित नोएस व्हिटनी समीकरण निर्देशित कर्ता है कि किसी औषध पृष्ठ क्षेत्रफल जितना अधिक होगा, विघटन दर भी उतनी ही उच्चतर होगी।

कारण R: कण आकार में कमी के साथ पृष्ठ क्षेत्रफल बढ़ता है।

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

1. A और R दोनों सत्य हैं और R, A की सही व्याख्या हे
2. A और R दोनों सत्य हैं और R, A की सही व्याख्या नहीं हे
3. A सत्य हे लेकिन R असत्य हे
4. A असत्य हे लेकिन R सत्य हे

Options :

68634076289. 1
68634076290. 2
68634076291. 3
68634076292. 4

Question Number : 74 Question Id : 68634019315 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

Give below are two statements : One is labelled as **Assertion A** and the other is labelled as **Reason R** :

Assertion A : Haloperidol is a preferred drug for acute schizophrenia and Huntington's disease.

Reason R : Parenteral administration by intramuscular route is possible in acute cases

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 :

68634076293. 1
68634076294. 2
68634076295. 3
68634076296. 4

Question Number : 74 Question Id : 68634019315 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 रुप में लिखित हैं तो दूसरा उसके कारण (Reason R) के रुप में:

अभिकथन A: तीव्रता सिंजोफ्रेनिय और हंटीगटन रोग के लिए हालोपेरीडोल एक वरीय औषधी है।

कारण R: तीव्रता ममलों में अंतरापेशीय मार्ग से पेरेन्ट्रल रूप से औषध दिया जाना संभव है।

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

1. A और R दोनों सत्य हैं और R, A की सही व्याख्या हे
2. A और R दोनों सत्य हैं और R, A की सही व्याख्या नहीं है
3. A सत्य है लेकिन R असत्य है
4. A असत्य है लेकिन R सत्य है

Options :

68634076293. 1
68634076294. 2
68634076295. 3
68634076296. 4

Question Number : 75 Question Id : 68634019316 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 (Oral anti-diabetic Agents)		**LIST II (Mechanism of Action)**	
A.	Voglibose	I.	AMP Activator
B.	Metformin	II.	K Channel blockers
C.	Tolbutamide	III.	α-glucosidase Inhibitor
D.	Pioglitazone	IV.	PPAR-γ (gamma) activators

Choose the correct answer from the options given below:

1. A-III, B-II, C-I, D-IV

2. A-III, B-II, C-IV, D-I

3. A-III, B-I, C-II, D-IV

4. A-III, B-IV, C-I, D-II

Options :

68634076297. 1
68634076298. 2
68634076299. 3
68634076300. 4

Question Number : 75 Question Id : 68634019316 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 का सूची II से मिलान कीजिए

सूची I मौखिक मधुमेह रोधी अभिकर्मक		**सूची II कार्यवाही की विधि**	
A.	वोगली बोस	I.	एएमपी सक्रिय कर्ता
B.	मेटफॉर्मिन	II.	के मार्ग अवरोधक
C.	टोलबुटामाइड	III.	α-ग्लूकोसिडेस अवरोधक
D.	पिआग्लीटाजोन	IV.	पीपीएआर-γ सक्रियकर्ता

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-III, B-II, C-I, D-IV

2. A-III, B-II, C-IV, D-I

3. A-III, B-I, C-II, D-IV

4. A-III, B-IV, C-I, D-II

Options :

68634076297. 1
68634076298. 2
68634076299. 3
68634076300. 4

Question Number : 76 Question Id : 68634019317 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 (Antimicrobial Agent)		**LIST II (Systemic toxicity)**	
A.	Aminoglycosides	I.	Hearing loss, kidney damage
B.	Tetracyclines	II.	Neurological and renal toxicity
C.	Vancomycin	III.	8th cranial nerve and kidney toxicity
D.	Polymyxin B	IV.	Liver and kidney damage, anti anabolic effect

Choose the correct answer from the options given below:

1. A-I, B-III, C-IV, D-II

2. A-III, B-IV, C-II, D-I

3. A-IV, B-II, C-III, D-I

4. A-III, B-IV, C-I, D-II

Options :
68634076301. 1
68634076302. 2
68634076303. 3
68634076304. 4

Question Number : 76 Question Id : 68634019317 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 का सूची II से मिलान कीजिए

सूची I सूक्ष्मजीव रोधी अभिकर्मक		सूची II प्रणालीय विषाक्तता	
A.	अमीनोग्लाइकोसाइट्स	I.	श्रवण हानि, किडनी क्षति
B.	टेट्रासाइक्लिन	II.	मस्तिष्क और वृक्क विषाक्तता
C.	वैंकोमायसिन	III.	8 वीं क्रेनियल तंतु और किडनी विषाक्तता
D.	पोलीमायक्सिन	IV.	तीवर और किडनी क्षति, एन्टी-एनाबोलिक प्रभाव

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-I, B-III, C-IV, D-II

2. A-III, B-IV, C-II, D-I

3. A-IV, B-II, C-III, D-I

4. A-III, B-IV, C-I, D-II

Options :
68634076301. 1
68634076302. 2
68634076303. 3
68634076304. 4

Question Number : 77 Question Id : 68634019318 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 of the following is a unique boron containing drug which acts as a proteasome inhibitor in anti cancer therapeutics.

1. Trastuzumab

2. Bortezomib

3. Sorafenib

4. Rituximab

Options :
68634076305. 1
68634076306. 2
68634076307. 3
68634076308. 4

Question Number : 77 Question Id : 68634019318 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 विशिष्ट बोरोन अंतर्वेशन वाली औषधी कौन सी है जो कैंसर-रोधी उपचारों में प्रोटिओसोम अवरोधक के रूप में कार्य करती है।

1. ट्रास्टुजुमाव
2. बोरटेजोमिब
3. सोराफेनिब
4. रिटुक्सीमाब

Options :
68634076305. 1
68634076306. 2
68634076307. 3
68634076308. 4

Question Number : 78 Question Id : 68634019319 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 of the following anti-malarial drug is contraindicated during pregnancy.

1. Chloroquine
2. Proguanil
3. Primaquine
4. Mefloquine

Options :
68634076309. 1
68634076310. 2
68634076311. 3
68634076312. 4

Question Number : 78 Question Id : 68634019319 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 सी मलेरिया-रोधी औषधी गर्भावस्था के दौरान अपथ्य निर्देशी है।

1. क्लोरोक्विन
2. प्रोगनोमिल
3. प्रिमाक्यूनाइन
4. मेफ्लोक्यूनाइन

Options :
68634076309. 1

68634076310. 2
68634076311. 3
68634076312. 4

Question Number : 79 Question Id : 68634019320 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 of the following anti-depressant is a selective serotonin reuptake inhibitor (SSRIs)

1. Trazodone
2. Venlafaxine
3. Fluoxetine
4. Imipramine

Options :
68634076313. 1
68634076314. 2
68634076315. 3
68634076316. 4

Question Number : 79 Question Id : 68634019320 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 को सी अवसाद रोधी औषध एक चयनात्मक सिरोटिमिन रियूपटेक अवरोधी (एसएसआरआई) है:

1. ट्राजोडोन
2. वेनलाफाक्सिन
3. फ्लूओक्सेथीन
4. इमीप्रामाइन

Options :
68634076313. 1
68634076314. 2
68634076315. 3
68634076316. 4

Question Number : 80 Question Id : 68634019321 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

Oral anti-diabetic metformin is a

1. Phenylalanine analogue
2. Biguanide
3. Sulfonylurea
4. Thiazolidinedione

Options :
68634076317. 1
68634076318. 2
68634076319. 3
68634076320. 4

Question Number : 80 Question Id : 68634019321 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

अंडाकार मधुमेह-रोधी मेटफॉर्मिन एक है:

1. फिनाइलएलामाइन एनालॉग
2. बिगुआमाइड
3. सल्फोनायलोरिया
4. थिओजोलिडाइनडिओन

Options :
68634076317. 1
68634076318. 2
68634076319. 3
68634076320. 4

Question Number : 81 Question Id : 68634019322 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

Prazosin is used for treatment of

1. Hypertension
2. Schizophrenia
3. Depression
4. Glaucoma

Options :
68634076321. 1
68634076322. 2
68634076323. 3

68634076324. 4

Question Number : 81 Question Id : 68634019322 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

प्रोजोसिन किसके उपचार के लिये प्रयुक्त होती है:

1. उच्च रक्तचाप
2. सिजोफ्रेनिया
3. अवसाद
4. ग्लूकोमा

Options :
68634076321. 1
68634076322. 2
68634076323. 3
68634076324. 4

Question Number : 82 Question Id : 68634019323 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

Select the incorrect statement regarding Tricyclic Antidepressants (TCAs)

1. TCAs having ability to inhibit norepinephrine transporter and serotonin transporter.
2. The TCAs lower seizure threshold and produce convulsions in overdose
3. Most TCAs are anticholinergic suppressor
4. TCAs potentiate directly acting sympathomimetic amines

Options :
68634076325. 1
68634076326. 2
68634076327. 3
68634076328. 4

Question Number : 82 Question Id : 68634019323 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

त्रिचक्रीय अव्साद रोधकों (टीसीए) के बारे में असत्य कथन का चयन करें:

1. नोरेपाइंफ्राइन परिवर्तनकर्ता और सिरोटोनिन परिवहनकर्ता का अवरोध करने की योग्यता वाले टीसीए
2. टीसीए झटका सीमा कम करते हैं और अधिक खुराक में ऐंठन उत्पन्न करते हैं।
3. अधिकांश टीसीए एंटीकोलिनर्जिक दाबकर्ता (सप्रेशर) हैं।
4. टीसीए प्रत्यक्ष कार्यवाही वाले सिम्पाथोमिनेटिकअमीनो को संभाव्य करते हैं ।

Options :
68634076325. 1
68634076326. 2
68634076327. 3
68634076328. 4

Question Number : 83 Question Id : 68634019324 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

All the following cardiovascular drugs are phosphodiesterase 3-inhibitors except.

1. Inamrinone
2. Milrinone
3. Levosimendan
4. Metoprolol

Options :
68634076329. 1
68634076330. 2
68634076331. 3
68634076332. 4

Question Number : 83 Question Id : 68634019324 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 एक के अलावा सभी हृदश्वसनी औषधियां फास्फोडाइसटेरेस 3-अवरोधी है।

1. ग्रामनिनोन
2. मिलानिनोन
3. लेवोसिमेनडान
4. मेटोप्रोलोन

Options :
68634076329. 1
68634076330. 2

68634076331. 3
68634076332. 4

Question Number : 84 Question Id : 68634019325 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 for the following sentence is incorrect for Demulcents :

1. They are inert substances which sooth inflamed mucosa.
2. They protect skin / mucosa from irritants / air in the surroundings
3. Glycyrrhiza is used as demulcents
4. They simulate sensory nerve ending and induce inflammation at the site of application.

Options :
68634076333. 1
68634076334. 2
68634076335. 3
68634076336. 4

Question Number : 84 Question Id : 68634019325 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

देमुलसेंट के लिए निम्नलिखित में से को-सा कथन असत्य है?

1. वे अंतर्भूत पदार्थ हैं जो सूजी हुई म्यूकोसा को राहत देते हैं।
2. वे त्वचा / म्यूकोसा को परिवेश में खुजली कारकों / वायु से बचाते हैं।
3. ग्लायसायरिजा का प्रयोग डेमुलसेंट के रूप में होता है।
4. वे संवेदी रोम बिन्दुओं को उत्तेजित करते हैं तथा लगाये जाने की जगह पर ज्वलनशीलता उत्पन्न करते हैं।

Options :
68634076333. 1
68634076334. 2
68634076335. 3
68634076336. 4

Question Number : 85 Question Id : 68634019326 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

What is the appropriate order of the following phases of cell cycle in humans

A. G1 phase
B. G2 phase
C. M phase
D. S phase

Choose the correct answer from the options given below :

1. A→B→C→D

2. C→D→A→B

3. A→D→B→C

4. B→A→C→D

Options :

68634076337. 1
68634076338. 2
68634076339. 3
68634076340. 4

Question Number : 85 Question Id : 68634019326 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

मानव में कोशिका चक्र के चरणों का निम्नलिखित में सही क्रम कौन सा है।

A. G1 चरण
B. G2 चरण
C. M चरण
D. S चरण

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए

1. A→B→C→D

2. C→D→A→B

3. A→D→B→C

4. B→A→C→D

Options :

68634076337. 1
68634076338. 2
68634076339. 3
68634076340. 4

Question Number : 86 Question Id : 68634019327 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 (Antiretrovirus Drugs)		**LIST II (Mechanism of Action)**	
A.	Lamivudine	I.	Integrase inhibitors
B.	Efavirenz	II.	Protease inhibitors
C.	Ritonavir	III.	Nucleoside reverse transcriptase inhibitors
D.	Raltegravir	IV.	Non-nucleoside reverse transcriptase inhibitors.

Choose the correct answer from the options given below:

1. A-I, B-II, C-IV, D-III

2. A-II, B-IV, C-III, D-I

3. A-III, B-IV, C-II, D-I

4. A-I, B-II, C-III, D-IV

Options :

68634076341. 1

68634076342. 2

68634076343. 3

68634076344. 4

Question Number : 86 Question Id : 68634019327 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 का सूची II से मिलान कीजिए

सूची I एंटीरेट्रोवायरस औषधी		**सूची II कार्यवाही**	
A.	लैमीवुडाइन	I.	इंटीग्रेस अवरोधक
B.	इफाविरेन्ज	II.	प्रोटिएस अवरोधक
C.	राइटोनाविर	III.	न्यूक्लियोसाइड विलोम अनुरक्षित अवरोधक
D.	रालटेग्राविर	IV.	गैर-न्यूक्लियोसाइड विलोम अनुलिखित अवरोधक

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-I, B-II, C-IV, D-III

2. A-II, B-IV, C-III, D-I

3. A-III, B-IV, C-II, D-I

4. A-I, B-II, C-III, D-IV

Options :

68634076341. 1

68634076342. 2

68634076343. 3

68634076344. 4

Question Number : 87 Question Id : 68634019328 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 drugs lower the interocular pressure

A. Pilocarpine
B. Latanoprost
C. Atropine
D. Tiotropium

Choose the correct answer from the options given below :

1. A + B

2. A + C

3. B + D

4. B + C

Options :
68634076345. 1
68634076346. 2
68634076347. 3
68634076348. 4

Question Number : 87 Question Id : 68634019328 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 औषधियाँ इंट्रोकुलर दाब कम करती हैं।

A. पिलोकार्पिन
B. लेटानोप्रोस्ट
C. एट्रोपीन
D. टिओट्रोपिएन

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए

1. A + B

2. A + C

3. B + D

4. B + C

Options :
68634076345. 1
68634076346. 2
68634076347. 3
68634076348. 4

Question Number : 88 Question Id : 68634019329 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

As per the Drugs and Cosmetics act and rules the good manufacturing practice is included under schedule

1. G
2. P
3. W
4. M

Options :
68634076349. 1
68634076350. 2
68634076351. 3
68634076352. 4

Question Number : 88 Question Id : 68634019329 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

औषध और प्रसाधन एक्ट और नियमों के अनुसार वस्तु निर्माण प्रथाएं किस अनुसूची में शामिल हैं :

1. G
2. P
3. W
4. M

Options :
68634076349. 1
68634076350. 2
68634076351. 3
68634076352. 4

Question Number : 89 Question Id : 68634019330 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

Carbidopa is careful in the treatment of Parkinsons disease because it is

1. a precursor of L-dopa
2. Presents the breakdown of dopamine
3. Promotes the increased t1/2 of L-dopa in the periphery and increases it's concertation available for crossing blood brain barrier
4. Increases involuntary movement in the combination with benserazide.

Options :
68634076353. 1
68634076354. 2
68634076355. 3
68634076356. 4

Question Number : 89 Question Id : 68634019330 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

कार्बिडोपा पर्किंसन्स रोग के उपचार में उपयोगी है क्योंकि यह है:

1. एल-डोपा की पूर्ववर्ती
2. डोपामाइन के विखंडन की रोकथाम करती है
3. समीपवर्ती क्षेत्र में एल-डोपा का 1/2 बढाती है तथा रक्त मस्तिष्क बाधा पार करने के लिए इसकी सांद्रता उपलब्धता बढाती है।
4. बेन्जोसेक्राजाइड के साथ युग्मन में अस्वैच्छिक संचालन बढाती है।

Options :
68634076353. 1
68634076354. 2
68634076355. 3
68634076356. 4

Question Number : 90 Question Id : 68634019331 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 of the following combination shows antagonism ?

1. Penicillin + streptomycin
2. Amlodipine + Rifampicin
3. Imatinib + ciprofloxacin
4. Nitrofurantoin + nalidixic acid

Options :
68634076357. 1
68634076358. 2
68634076359. 3
68634076360. 4

Question Number : 90 Question Id : 68634019331 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-सा संयोजन प्रतिकूलता दर्शाता है?

1. पेनसिलिन + स्ट्रेप्टोमायसिन
2. एमलोडिपिन + रिफामसिपिन
3. इमाटिनिब + सिप्रोफ्लोक्सासीन
4. नाइट्रोफुशनशन + नालीडिक्सिक अम्ल

Options :
68634076357. 1
68634076358. 2
68634076359. 3
68634076360. 4

Question Number : 91 Question Id : 68634019332 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

Give below are two statements :

Statement I : Totipotency is found in Plant tissues in the leaf primordia, root tip and lateral buds.

Statement II : Meristematic tissues have totipotency.

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 :
68634076361. 1
68634076362. 2
68634076363. 3
68634076364. 4

Question Number : 91 Question Id : 68634019332 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 हैं:

कथन I: टोटिपोटेंसी पर्ण प्रिमोर्डिया, मूल शिरा और कायिक कलिकाओं में पादप उत्तकों में पाई जाती है।

कथन II: मेरिसटेमिटिक ऊतकों में टोटियोटेंसी होती है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही 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 :
68634076361. 1
68634076362. 2
68634076363. 3
68634076364. 4

Question Number : 92 Question Id : 68634019333 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 of the following is the Biological Source for Digoxin ?

1. Digitalis purpurea
2. Digitalis lanata
3. Digitalis vulgaris
4. Digitalis Officinalis

Options :
68634076365. 1
68634076366. 2
68634076367. 3
68634076368. 4

Question Number : 92 Question Id : 68634019333 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-सा डाईगोक्सिन का जीवित स्रोत है:

1. डिजिटलिस परपूरिया

2. डिजिटलिस अनाटा

3. डिजिटलिस वल्गरिस

4. डिजिटलिस ऑफिसिनलिस

Options :
68634076365. 1
68634076366. 2
68634076367. 3
68634076368. 4

Question Number : 93 Question Id : 68634019334 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

Lycopodium spore methods help to determine the _____of given drug samples.

1. Efficacy

2. Adulterants

3. Purity

4. Microbial load

Options :
68634076369. 1
68634076370. 2
68634076371. 3
68634076372. 4

Question Number : 93 Question Id : 68634019334 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

लाइकोपोडियम स्पोर विधि प्रदत्त औषधि नमूने में _____का निर्धारण करने में शायता करती है।

1. प्रभाविकता

2. मिलावट

3. शुद्धता

4. सूक्ष्मजीविए भार

Options :
68634076369. 1
68634076370. 2

68634076371. 3
68634076372. 4

Question Number : 94 Question Id : 68634019335 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.	Aloe	I.	Triterpenoid Saponin Glycoside
B.	Digitalis	II.	Steroidal saponin Glycosides
C.	Liquorice	III.	Anthraquinone Glycosides
D.	Discorea	IV.	Cardiac Glycosides

Choose the correct answer from the options given below:

1. A-I, B-IV, C-II, D-III

2. A-I, B-II, C-III, D-IV

3. A-III, B-IV, C-I, D-II

4. A-IV, B-III, C-II, D-I

Options :
68634076373. 1
68634076374. 2
68634076375. 3
68634076376. 4

Question Number : 94 Question Id : 68634019335 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 का सूची II से मिलान कीजिए

सूची I		सूची II	
A.	एलोइ	I.	ट्राइटेरपेनोइडल सपोनिन ग्लाइकोसाइड
B.	डिजिटलीस	II.	स्टीरोइडल सपनोनिन ग्लाइकोसाइड
C.	लिम्बो राइस	III.	एन्थ्राक्विनोन ग्लाइकोसाइड
D.	डाओसकोरिया	IV.	कार्डिएक ग्लाइकोसाइड

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-I, B-IV, C-II, D-III

2. A-I, B-II, C-III, D-IV

3. A-III, B-IV, C-I, D-II

4. A-IV, B-III, C-II, D-I

Options :

68634076373. 1
68634076374. 2
68634076375. 3
68634076376. 4

Question Number : 95 Question Id : 68634019336 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

Shikimic acid is the precursor of the following secondary metabolites

A. Aromatic amino acids
B. Terpenoids
C. Lignins
D. Lipids

Choose the most appropriate answer from the options given below :

1. A, B Only

2. A, C Only

3. B, D Only

4. D, C Only

Options :
68634076377. 1
68634076378. 2
68634076379. 3
68634076380. 4

Question Number : 95 Question Id : 68634019336 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

शिकिमिक अम्ल निम्नलिखित द्वितीयक चयापचयकों का पूर्ववर्ती है:

A. एरोमेटिक अमीनो अम्ल
B. टेरपेनोइड्स
C. लिगनिन
D. लिपिड

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

1. केवल A, B

2. केवल A, C

3. केवल B, D

4. केवल D, C

Options :

68634076377. 1
68634076378. 2
68634076379. 3
68634076380. 4

Question Number : 96 Question Id : 68634019337 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

Give below are two statements :

Statement I : True alkaloids are those alkaloids that are derived from amino acids and have nitrogen in the heterocyclic ring

Statement II : Caffeine is a True alkaloid.

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 :
68634076381. 1
68634076382. 2
68634076383. 3
68634076384. 4

Question Number : 96 Question Id : 68634019337 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 हैं:

कथन I: सत्य क्षारक वे क्षारक हैं जो अमीनों अम्लों से व्युत्पन्न होते हैं तथा हेटेरोसाइक्लिक वलय में नाइट्रोजन होती है।

कथन II: कैफीन एक सत्य क्षारक है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही 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 :
68634076381. 1
68634076382. 2

68634076383. 3
68634076384. 4

Question Number : 97 Question Id : 68634019338 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

Give below are two statements : One is labelled as **Assertion A** and the other is labelled as **Reason R** :

Assertion A : Aloe glycosides give negative Born Tragger's Test but positive modified Borntragger's Test.

Reason R : Aloe contains C-Glycosides

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 :
68634076385. 1
68634076386. 2
68634076387. 3
68634076388. 4

Question Number : 97 Question Id : 68634019338 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 रुप में लिखित हैं तो दूसरा उसके कारण (Reason R) के रुप में:

अभिकथन A: एलोई ग्लायकोसाइड नकारात्मक बॉर्नट्रिगर परीक्षण देता हैं किंतु सकारात्मक रूपांतरित बॉर्नट्रिगर परीक्षण देता है।

कारण R: एलोई में C-ग्लायकोसाइड अंतर्विष्ट होता है।

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

1. A और R दोनों सत्य हैं और R, A की सही व्याख्या हे
2. A और R दोनों सत्य हैं और R, A की सही व्याख्या नहीं हे
3. A सत्य है लेकिन R असत्य है
4. A असत्य है लेकिन R सत्य है

Options :
68634076385. 1
68634076386. 2

68634076387. 3
68634076388. 4

Question Number : 98 Question Id : 68634019339 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

Give below are two statements :

Statement I : Aromatase Inhibitors include both steroidal and non steroidal compounds.

Statement II : Tamoxifen, Estrone, Testolactone and Nor-ethindrone are the examples of Aromatase Inhibitors

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 :
68634076389. 1
68634076390. 2
68634076391. 3
68634076392. 4

Question Number : 98 Question Id : 68634019339 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 रुप में लिखित हैं तो दूसरा उसके कारण (Reason R) के रुप में:

अभिकथन A: एरोमेटाज अवरोधकों में स्टीरोइडल और गैर-स्टीरोइडल दोनों सम्मिलित है।

कारण R: टामोक्सिफेन, इस्ट्रोन, टेस्तालेक्टोन और नोर-इथिनिड्रोन एरोमेटाज अवरोधकों के उदाहारण हैं।

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

1. A और R दोनों सत्य हैं और R, A की सही व्याख्या हे
2. A और R दोनों सत्य हैं और R, A की सही व्याख्या नहीं हे
3. A सत्य हे लेकिन R असत्य हे
4. A असत्य हे लेकिन R सत्य हे

Options :
68634076389. 1
68634076390. 2

68634076391. 3
68634076392. 4

Question Number : 99 Question Id : 68634019340 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 waves is not present in electrocardiogram ?

1. P wave
2. QRS Wave
3. T Wave
4. U Wave

Options :
68634076393. 1
68634076394. 2
68634076395. 3
68634076396. 4

Question Number : 99 Question Id : 68634019340 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

इलेक्ट्रोकॉर्डियोग्राम में कौन-सी तरंग उपस्थित नहीं होती है?

1. P तरंग
2. QRS तरंग
3. T तरंग
4. U तरंग

Options :
68634076393. 1
68634076394. 2
68634076395. 3
68634076396. 4

Question Number : 100 Question Id : 68634019341 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

Vitamin important for final maturation of the red blood cells

1. Vitamin C
2. Vitamin B_{12}
3. Pyridoxine
4. Vitamin A

Options :
68634076397. 1
68634076398. 2
68634076399. 3
68634076400. 4

Question Number : 100 Question Id : 68634019341 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

लाल रक्त कोशिकाओं के अंतिम परिपम्वन के लिए महत्वपूर्ण विटामिन है?

1. विटामिन C
2. विटामिन B_{12}
3. पायरोडोक्सिन
4. विटामिन A

Options :
68634076397. 1
68634076398. 2
68634076399. 3
68634076400. 4