Telangana State Commissioner and Director of School Education

Notations :

1.Options shown in green color and with ✔ icon are correct.

2.Options shown in red color and with ✖ icon are incorrect.

Question Paper Name:	English Medium with Urdu 22nd May 2019 Shift 2
Subject Name:	English Medium with Urdu
Creation Date:	2019-05-22 16:49:35
Duration:	120
Total Marks:	100
Display Marks:	No
Share Answer Key With Delivery Engine:	Yes
Actual Answer Key:	Yes
Calculator:	None
Magnifying Glass Required?:	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required?:	No
Rough Sketch/Notepad Required?:	No
Protractor Required?:	No
Show Watermark on Console?:	Yes
Highlighter:	No
Auto Save on Console?:	No

English Medium with Urdu

Group Number :	1
Group Id :	41768140
Group Maximum Duration :	0
Group Minimum Duration :	120
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	100

Part I General Knowledge and Teaching Aptitude

Section Id :	417681274
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	10
Number of Questions to be attempted:	10
Section Marks:	10
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number: 1
Sub-Section Id: 417681274
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 4176813901 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

International Literacy Day was declared by UNESCO on

Options :

A. ✖ 27 October 1967

B. ✔ 26 October 1966

C. ✖ 28 October 1966

D. ✖ 29 November 1965

Question Number : 2 Question Id : 4176813902 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The Indian Council of Medical Research recently launched "Mera India" to eliminate this disease by 2030.

Options :

A. ✖ Dengue

B. ✖ Typhoid

C. ✔ Malaria

D. ✖ Thyroid

Question Number : 3 Question Id : 4176813903 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The total number of States that shares border with Telangana is

Options :

A. ✔ 4

B. ✖ 5

C. ✖ 6

D. ✖ 7

Question Number : 4 Question Id : 4176813904 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The theme of "International Women's Day 2019" was

Options :

A. ✖ set up for gender equality.

B. ✔ think equal, build smart, innovate for change, balance for better.

C. ✖ women in changing way of world planet 50-50.

D. ✖ stand against violence

Question Number : 5 Question Id : 4176813905 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In Asian Athletics Championship 2019, India bagged medals

Options :

A. ✔ 17

B. ✖ 18

C. ✖ 19

D. ✖ 20

Question Number : 6 Question Id : 4176813906 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The essence of an effective classroom environment is

Options :

A. ✖ a variety of teaching aids

B. ✔ lively students - teacher interaction

C. ✖ pindrop silence

D. ✖ strict discipline

Question Number : 7 Question Id : 4176813907 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The factors that help in raising the status of a teacher is

Options :

A. ✖ discipline & strict control on student

B. ✔ active participation in social service

C. ✖ good in games

D. ✖ good in maintaining relationship with management

Question Number : 8 Question Id : 4176813908 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

For maintaining an effective discipline in the class, the teacher

Options :

A. ✖ allow students to do what they like

B. ✖ deal the students strictly

C. ✖ give the students to solve some problems

D. ✔ deal with them politely, firmly and affectionately

Question Number : 9 Question Id : 4176813909 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

For good learning, it is must for the school to have

Options :

A. ✖ vast open areas

B. ✔ a good library with sufficient books

C. ✖ big playground with play material

D. ✖ spacious student rest room

Question Number : 10 Question Id : 4176813910 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The right attitude of a teacher towards students is

Options :

A. ✖ strict disciplinarian (control the student)

B. ✖ well dressed (fashionable)

C. ✖ being sympathetic (help to solve family problem)

D. ✔ being tolerant (solve their problems in teaching learning process)

Part II a. General English

Section Id :	417681275
Section Number :	2
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number: 1

Sub-Section Id: 417681275
Question Shuffling Allowed : No

Question Number : 11 Question Id : 4176813911 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Nuthan Prasad left (a) / of the audience (b) / an indelible mark (c) / in the hearts (d) / Mr.101 districts (e)

Identify the correct order of the phrases labelled (a), (b), (c), (d) and (e) to make a meaningful sentence.

Options :

A. ✖ (e), (a), (b), (d), (c)

B. ✔ (e), (a), (c), (d), (b)

C. ✖ (b), (a), (c), (d), (e)

D. ✖ (e), (b), (c), (d), (a)

Question Number : 12 Question Id : 4176813912 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Rachana is good at using her charm to get her own way.

The underlined phrase means :

Options :

A. ✖ She doesn't care others and goes her way.

B. ✖ She traps others into her way.

C. ✔ She persuades others to allow her to do whatever she wants.

D. ✖ She does whatever she wants.

Question Number : 13 Question Id : 4176813913 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Ranganath makes thorough planning for everything in their home. He is a _____ man.

Options :

A. ✔ Meticulous

B. ✖ Malicious

C. ✖ Anxious

D. ✖ Pompous

Question Number : 14 Question Id : 4176813914 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A _____ plays a key role in identifying whether a relative clause is a defining or a non-defining.

Options :

A. ✖ Full stop

B. ✖ Question mark

C. ✖ Preposition

D. ✔ Comma

Question Number : 15 Question Id : 4176813915 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

I think Alfred Nobel would know what I mean when I say that I accept this award in the spirit of some precious heirloom which he holds in trust for its true owners.

The underlined word means _____.

Options :

A. ✔ Gift from ancestors

B. ✖ Saloon

C. ✖ Loom like machine

D. ✖ Hair oil

Question Number : 16 Question Id : 4176813916 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

She came home, faced mother-in-law's dark looks.

The underlined word is _____

Options :

A. ✖ An open compound

B. ✖ A compound adjective

C. ✔ A hyphenated compound

D. ✖ A solid/closed compound

Question Number : 17 Question Id : 4176813917 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Sunitha never saw a bear before she _____ transferred to Maredumilli.

Choose the best from the following to fill the gap.

Options :

A. ✖ had

B. ✖ is

C. ✖ were

D. ✔ was

Question Number : 18 Question Id : 4176813918 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

I checked my wallet and found that I still had Rs.500/- with me.

The underlined word is an _____

Options :

A. ✖ adverb of manner

B. ✔ adverb of time

C. ✖ adverb of place

D. ✖ adverb of frequency

Question Number : 19 Question Id : 4176813919 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

He quickly sat down on a rock. His father laugh at his plight.

Choose the right form to the underlined word.

Options :

A. ✖ had laughed

B. ✖ has laughed

C. ✔ laughed

D. ✖ was laughing

Question Number : 20 Question Id : 4176813920 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The preposition used in collocation with the word 'responsible' is _____.

Options :

A. ✖ in

B. ✖ at

C. ✔ for

D. ✖ to

Question Number : 21 Question Id : 4176813921 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Choose the best from the options given to fill each blank with number in the following passage.

Thousands of people visit the _____ (11) city Varanasi. It is _____ (12) on the north eastern part of India. Hindu pilgrims go there to purify their _____ (13) To the Hindu Varanasi is _____ (14) holiest piligrimage centre. People wish to take bath in the river ganges. In doing this, they believe that all their sins would be _____ (15)

Options :

A. ✖ whole

B. ✖ wholly

C. ✖ holi

D. ✔ holy

Question Number : 22 Question Id : 4176813922 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Choose the best from the options given to fill each blank with number in the following passage.

Thousands of people visit the _____ (11) city Varanasi. It is _____ (12) on the north eastern part of India. Hindu pilgrims go there to purify their _____ (13) To the Hindu Varanasi is _____ (14) holiest piligrimage centre. People wish to take bath in the river ganges. In doing this, they believe that all their sins would be _____ (15)

Options :

A. ✖ locate

B. ✔ located

C. ✖ will locate

D. ✖ locates

Question Number : 23 Question Id : 4176813923 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Choose the best from the options given to fill each blank with number in the following passage.

Thousands of people visit the _____ (11) city Varanasi. It is _____ (12) on the north eastern part of India. Hindu pilgrims go there to purify their _____ (13) To the Hindu Varanasi is _____ (14) holiest piligrimage centre. People wish to take bath in the river ganges. In doing this, they believe that all their sins would be _____ (15)

Options :

A. ✔ souls

B. ✖ soles

C. ✖ soals

D. ✖ shawls

Question Number : 24 Question Id : 4176813924 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Choose the best from the options given to fill each blank with number in the following passage.

Thousands of people visit the _____ (11) city Varanasi. It is _____ (12) on the north eastern part of India. Hindu pilgrims go there to purify their _____ (13) To the Hindu Varanasi is _____ (14) holiest piligrimage centre. People wish to take bath in the river ganges. In doing this, they believe that all their sins would be _____ (15)

Options :

A. ✔ the

B. ✖ a

C. ✖ an

D. ✖ of

Question Number : 25 Question Id : 4176813925 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the best from the options given to fill each blank with number in the following passage.

Thousands of people visit the _____ (11) city Varanasi. It is _____ (12) on the north eastern part of India. Hindu pilgrims go there to purify their _____ (13) To the Hindu Varanasi is _____ (14) holiest piligrimage centre. People wish to take bath in the river ganges. In doing this, they believe that all their sins would be _____ (15)

Options :

A. ✖ washed

B. ✔ washed off

C. ✖ washed away

D. ✖ washed up

Question Number : 26 Question Id : 4176813926 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In which of the following sentences the apostrophe is used to indicate possessiveness.

Options :

A. ✖ No, no; he's getting up.

B. ✔ In today's celebrations, our main heroes are our students.

C. ✖ I didn't collect the samples for testing.

D. ✖ He shouldn't have argued with the old man.

Question Number : 27 Question Id : 4176813927 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If I drink tea in the evening _____.

Complete the above sentence choosing from the options given below.

Options :

A. ✔ I don't sleep whole night.

B. ✖ I will not sleep whole night.

C. ✖ I would not sleep whole night.

D. ✖ I shall not sleep whole night.

Question Number : 28 Question Id : 4176813928 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

He inquired if he lived in Delhi.

The direct form of the sentence is _____.

Options :

A. ✖ He said to him, "did he not live in Delhi" ?

B. ✖ He asked him, "was he lived in Delhi" ?

C. ✖ He said to him "does he live in Delhi" ?

D. ✔ He said him, "Do you live in Delhi" ?

Question Number : 29 Question Id : 4176813929 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Identify the word that spelled incorrectly.

Options :

A. ✖ Debilitate

B. ✔ Independance

C. ✖ Philosophical

D. ✖ Personification

Question Number : 30 Question Id : 4176813930 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

'There came a wave like a great hand'.

The figure of speech used in the above line is a _____.

Options :

A. ✖ Metaphor

B. ✖ Oxymoron

C. ✖ Personification

D. ✔ Simile

Part II b. General Urdu

Section Id :	417681276
Section Number :	3
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	10
Number of Questions to be attempted:	10
Section Marks:	10
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	417681276
Question Shuffling Allowed :	Yes

Question Number : 31 Question Id : 4176813931 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

''مسدس'' اس نظم کو کہتے ہیں۔

Options :

A. ✖ جس کے ہر بند میں چار مصرعے ہوں

B. ✖ جس کے ہر بند میں پانچ مصرعے ہوں

C. ✔ جس کے ہر بند میں چھ مصرعے ہوں

D. ✖ جس کے ہر بند میں سات مصرعے ہوں

Question Number : 32 Question Id : 4176813932 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

یہ علامت طویل ٹھہراؤ کے لئے استعمال ہوتی ہے۔

Options :

A. ✔ وقفہ

B. ✖ رابطہ

C. ✖ سکتہ

D. ✖ تفصیلیہ

Question Number : 33 Question Id : 4176813933 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

''درگزر کرنا'' اس محاورے کا مطلب ہے۔

Options :

A. ✖ درد دور کرنا

B. ✖ درد سے گزرنا

C. ✔ چشم پوشی کرنا

D. ✖ رفع دفع کرنا

Question Number : 34 Question Id : 4176813934 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

قلی قطب شاہ کو آٹو رکشا میں بٹھا کر حیدرآباد کی سیر کروانے والے کا نام تھا۔

Options :

A. ✖ جہاں گیر خان

B. ✔ جہانگیر علی

C. ✖ شبیر علی

D. ✖ شبیر خان

Question Number : 35 Question Id : 4176813935 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

لفظ ''جلوت'' کی ضد ہے۔

Options :

A. ✖ شوکت

B. ✖ نفرت

C. ✖ الفت

D. ✔ خلوت

Question Number : 36 Question Id : 4176813936 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

خطبہ دینے والا کہلاتا ہے۔

Options :

A. ✖ مقرر

B. ✖ قاری

C. ✖ داعی

D. ✔ خطیب

Question Number : 37 Question Id : 4176813937 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

صورت کے لحاظ سے جملے کی قسمیں ہوتی ہیں۔

Options :

A. ✖ چار

B. ✖ تین

C. ✔ دو

D. ✖ ایک

Question Number : 38 Question Id : 4176813938 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

اگر غزل کے دوسرے شعر کے دونوں مصرعوں میں بھی قافیہ اور ردیف کی پابندی کی جائے تو یہ کہلاتا ہے۔

Options :

A. ✔ حسن مطلع

B. ✖ مطلع

C. ✖ ہم قافیہ

D. ✖ مقطع

Question Number : 39 Question Id : 4176813939 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

یہ ''مرکب اضافی'' کی مثال ہے۔

Options :

A. ✖ قومی پرچم

B. ✖ محنتی بچے

C. ✔ اللہ کی عبادت

D. ✖ خوشگوار

Question Number : 40 Question Id : 4176813940 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

جب جملے میں کوئی اسم منادی واقع ہو تو اس کی ایسی حالت کو کہتے ہیں۔

Options :

A. ✖ حالت فاعلی

B. ✔ حالت ندائی

C. ✖ حالت مفعولی

D. ✖ حالت ظرفی

Part III a. Mathematics

Section Id :	417681277
Section Number :	4
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	417681277
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 4176813941 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The length of a rectangle is increased by 60%. If the same area is to be maintained, then the percentage of decrease in its breadth would be

Options :

A. ✔ $37\frac{1}{2}\%$

B. ✖ 60%

C. ✖ 75%

D. ✖ 120%

Question Number : 42 Question Id : 4176813942 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

$(15)^3-(8)^3-(7)^3$ is divisible by

Options :

A. ✖ 32

B. ✖ 49

C. ✔ 56

D. ✖ 25

Question Number : 43 Question Id : 4176813943 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The number of linear equations in 'x' and 'y' which can be satisfied by $x = 2$ and $y = 3$ is

Options :

A. ✖ zero

B. ✖ only one

C. ✖ only two

D. ✔ infinite

Question Number : 44 Question Id : 4176813944 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If $x = \sqrt{7+4\sqrt{3}}$, then the value of $x+\frac{1}{x}$ is

Options :

A. ✖ 2

B. ✔ 4

C. ✖ $\sqrt{3}$

D. ✖ $2\sqrt{3}$

Question Number : 45 Question Id : 4176813945 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If $\cot\theta = \frac{a}{b}$, then the value of $\frac{a\sin\theta - b\cos\theta}{a\sin\theta + b\cos\theta}$ is

Options :

A. ✖ $\frac{a^2 - b^2}{a^2 + b^2}$

B. ✖ $\frac{a-b}{a+b}$

C. ✔ 0

D. ✖ 1

Question Number : 46 Question Id : 4176813946 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If the cost price of 25 articles is equal to the selling price of 20 articles, then the gain percentage is

Options :

A. ✖ 20%

B. ✔ 25%

C. ✖ 30%

D. ✖ 40%

Question Number : 47 Question Id : 4176813947 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If more than and less than ogive curves of a grouped data meet at (30, 45), then its median is

Options :

A. ✔ 30

B. ✖ 37.5

C. ✖ 40

D. ✖ 45

Question Number : 48 Question Id : 4176813948 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ΔABC is an equilateral triangle. If radius of its inscribed circle is 5cm, then perimeter of ΔABC is

Options :

A. ✖ $15\sqrt{3}$ cm

B. ✖ $25\sqrt{2}$ cm

C. ✖ $14\sqrt{2}$ cm

D. ✔ $30\sqrt{3}$ cm

Question Number : 49 Question Id : 4176813949 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If two dice are thrown simultaneously, then the probability of getting exactly one 5 on them is

Options :

A. ✖ $\frac{4}{36}$

B. ✔ $\frac{5}{18}$

C. ✖ $\frac{6}{23}$

D. ✖ $\frac{7}{24}$

Question Number : 50 Question Id : 4176813950 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The area of the smallest square which can be formed with rectangles of dimensions $6\text{ cm} \times 4\text{ cm}$ is

Options :

A. ✖ 16 cm^2

B. ✖ 24 cm^2

C. ✖ 36 cm^2

D. ✔ 144 cm^2

Question Number : 51 Question Id : 4176813951 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The first negative term of the arithmetic progression $15, 13\frac{3}{4}, 12\frac{1}{2}, 11\frac{1}{4}, \ldots\ldots$ is

Options :

A. ✖ 12^{th} term

B. ✖ 13^{th} term

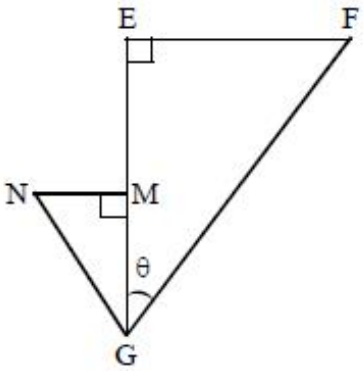
C. ✔ 14^{th} term

D. ✖ 18^{th} term

Question Number : 52 Question Id : 4176813952 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In the given figure, EM = MG. If EF = 6cm, MN = 3cm, NG = 5cm and ∠EGF = θ, then the value of cos θ is



Options :

A. ✔ 0.8

B. ✖ 0.9

C. ✖ 0.6

D. ✖ 0.7

Question Number : 53 Question Id : 4176813953 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If $A = \log_2 \log_2 \log_4 256 + 2\log_{\sqrt{2}} 2$, then the value of A is

Options :

A. ✖ 2

B. ✖ 3

C. ✖ 7

D. ✔ 5

Question Number : 54 Question Id : 4176813954 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If three consecutive vertices of a square are $(-1, 4)$ $(-3, 0)$ and $(1, -2)$ then its fourth vertex is

Options :

A. ✔ $(3, 2)$

B. ✖ $(2, 3)$

C. ✖ $(-3, 2)$

D. ✖ $(1, 2)$

Question Number : 55 Question Id : 4176813955 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The sum of length, breadth and height of a cuboid is 19cm. If its diagonal is $5\sqrt{5}$ cm, then its total surface area is

Options :

A. ✖ $125\ cm^2$

B. ✔ $236\ cm^2$

C. ✖ $326\ cm^2$

D. ✖ $361\ cm^2$

Question Number : 56 Question Id : 4176813956 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The quadratic equation whose roots are 4 more than the roots of the equation $x^2 + 3x + 1 = 0$ is

Options :

A. ✖ $x^2 + 5x + 5 = 0$

B. ✖ $x^2 + 5x - 5 = 0$

C. ✔ $x^2 - 5x + 5 = 0$

$x^2 - 5x - 5 = 0$

D. ✖

Question Number : 57 Question Id : 4176813957 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If α, β, γ are zeroes of the polynomial $x^3 - 5x^2 - 2x + 24$, then the difference of two zeroes is

Options :

A. ✔ 1

B. ✖ 2

C. ✖ 3

D. ✖ 4

Question Number : 58 Question Id : 4176813958 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If $\tan\theta + \cot\theta = 3$, then the value of $\tan^3\theta + \cot^3\theta$ is

Options :

A. ✖ 3

B. ✖ 9

C. ✔ 18

D. ✖ 27

Question Number : 59 Question Id : 4176813959 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

1, K+2, 2K+3, 3K+4, ... is an arithmetic progression. If the ratio of sum of first 30 terms and sum of first 20 terms is 9 : 4, then the value of 'K' is

Options :

A. ✖ 3

B. ✖ -1

C. ✖ 0

D. ✔ 1

Question Number : 60 Question Id : 4176813960 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A bag contains 80 red balls, 24 white balls and the rest are blue balls. If the probability of selecting a blue ball from this bag is $\frac{1}{5}$, then the number of blue balls are

Options :

A. ✖ 25

B. ✔ 26

C. ✖ 27

D. ✖ 28

Part III b. Physical Sciences

Section Id :	417681278
Section Number :	5
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	10
Number of Questions to be attempted:	10
Section Marks:	10
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	417681278
Question Shuffling Allowed :	Yes

Question Number : 61 Question Id : 4176813961 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The correct order of reactivity of metals is

Options :

A. ✖ $Mg > Au > Cu > Ag$

B. ✖ $Mg > Cu > Au > Ag$

C. ✖ $Mg > Ag > Cu > Au$

D. ✔ $Mg > Cu > Ag > Au$

Question Number : 62 Question Id : 4176813962 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The gas makes a 'pop' sound when it is exposed to lighted match stick

Options :

A. ✖ Carbon dioxide

B. ✖ Carbon monoxide

C. ✖ Hydrogen Chloride

D. ✔ Hydrogen

Question Number : 63 Question Id : 4176813963 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

To separate two or more miscible liquids when the difference in their boiling points is less than 25° C which process is used.

Options :

A. ✖ Simple distillation

B. ✖ Separating funnel

C. ✔ Fractional distillation

D. ✖ Chromatography

Question Number : 64 Question Id : 4176813964 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

External pressure applied to an enclosed volume of fluid is transmitted equally in all directions through out the fluid volume

Options :

A. ✖ Archimede's Principle

B. ✖ Fermat's Principle

C. ✖ Newton's Principle

D. ✔ Pascal's Principle

Question Number : 65 Question Id : 4176813965 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The time period of the wave is 0.002 sec then its frequency is

Options :

A. ✖ 1000 Hertz

B. ✖ 5000 Hertz

C. ✔ 500 Hertz

D. ✖ 100 Hertz

Question Number : 66 Question Id : 4176813966 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The virtual image formed when

I. Object is placed in front of plane mirror.

II. Object is placed in front of concave mirror between pole and focus.

III. Object placed in front of convex mirror.

Options :

A. ✖ I only

B. ✖ II only

C. ✖ III only

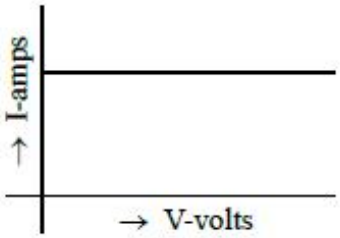
D. ✔ I, II & III

Question Number : 67 Question Id : 4176813967 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

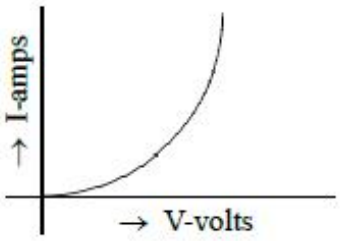
Correct Marks : 1 Wrong Marks : 0

Which of the following graph obeys the Ohm's law

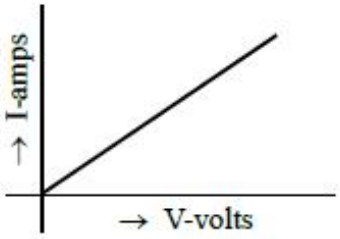
I.



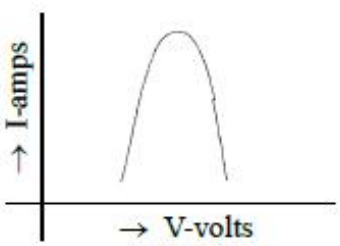
II.



III.



IV.



Options :

A. ✖ I & IV

B. ✖ IV

C. ✔ III

D. ✖ II

Question Number : 68 Question Id : 4176813968 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Based on reactivity, the arrangement of metals in descending order of their reactivity. One of the options not followed the order. (high, moderate, low)

I. $K > Zn > Ag$

II. $Mg > Cu > Hg$

III. $Al > Pb > Pt$

IV. $Hg > Au > Ag$

Options :

A. ✖ I

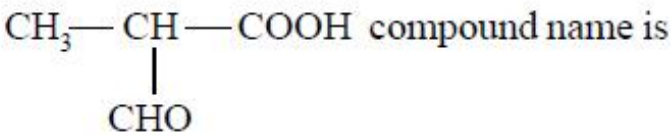
B. ✖ II

C. ✖ III

D. ✔ IV

Question Number : 69 Question Id : 4176813969 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0



compound name is

Options :

A. ✖ 2-oxo proponoic acid

B. ✖ 1-formic acid

C. ✔ 2-formyl propanoic acid

D. ✖ 1-propanoic acid

Question Number : 70 Question Id : 4176813970 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The instrument converts "Electrical Energy to Mechanical Energy

Options :

A. ✖ Electric generator

B. ✔ Electric motor

C. ✖ Electric immersion water heater

D. ✖ Electric iron press

Part III c. Biological Sciences

Section Id :	417681279
Section Number :	6
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	10
Number of Questions to be attempted:	10
Section Marks:	10
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	417681279
Question Shuffling Allowed :	Yes

Question Number : 71 Question Id : 4176813971 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Identify the odd-organism based on its group.

Options :

A. ✖ Trypanosoma

B. ✖ Leishmania

C. ✖ Vorticella

D. ✔ Cyclops

Question Number : 72 Question Id : 4176813972 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

MMR-vaccine is NOT effective at preventing the following disease.

Options :

A. ✔ Diphtheria

B. ✖ Measles

C. ✖ Rubella

D. ✖ Mumps

Question Number : 73 Question Id : 4176813973 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Phylum of sea-anemone is

Options :

A. ✖ Echinodermata

B. ✖ Mollusca

C. ✔ Cnidaria

D. ✖ Porifera

Question Number : 74 Question Id : 4176813974 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Idenify the correct pairs

A.	Amoeba	–	Animalia
B.	Yeast	–	Fungus
C.	Moss plant	–	Pteridophyte
D.	Nostoc	–	Moneran

Options :

A. ✖ A & D only

B. ✔ B & D only

C. ✖ B & C only

D. ✖ A & B only

Question Number : 75 Question Id : 4176813975 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Identify the correct pair of dominant traits in pea plants

Options :

A. ✖ Terminal flowers, yellow pods

B. ✖ Green seeds, green pods

C. ✖ Yellow seeds, yellow pods

D. ✔ Axial flowers, green pods

Question Number : 76 Question Id : 4176813976 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Match the following :

	Alkaloid		Part of the plant	
A.	Morphine	-	i)	Bark
B.	Reserpine	-	ii)	Seed
C.	Quinine	-	iii)	Flower
D.	Pyrethroids	-	iv)	Root
			v)	Fruit

Options :

A. ✔ A - v, B - iv, C - i, D - iii

B. ✖ A - iii, B - i, C - v, D - ii

C. ✖ A - iv, B - v, C - iii, D - i

D. ✖ A - v, B - i, C - iv, D - iii

Question Number : 77 Question Id : 4176813977 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Identify the incorrect statement.

Options :

A. ✖ Cerebellum maintains posture and equilibrium.

B. ✖ Medulla Oblongata coordinates reflexes like swallowing, coughing, sneezing & vomiting.

C. ✔ Diencephalon is a seat of mental abilities controls thinking, reasoning etc.

D. ✖ Olfactory lobes concerned with sense of smell.

Question Number : 78 Question Id : 4176813978 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Trophic level of a bird (sparrow) in a food chain is

Options :

A. ✖ Fourth

B. ✔ Third

C. ✖ Second

D. ✖ First

Question Number : 79 Question Id : 4176813979 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Identify the 'haploid' (n) strcture of an angiosperm

Options :

A. ✖ Embryo

B. ✔ Embryo sac

C. ✖ Endosperm

D. ✖ Ovule

Question Number : 80 Question Id : 4176813980 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Water soluble vitamin is

Options :

A. ✖ Retinol

B. ✖ Phylloquinone

C. ✖ Calciferol

D. ✔ Biotin

Part III d. Social Studies

Section Id :	417681280
Section Number :	7
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	417681280
Question Shuffling Allowed :	Yes

Question Number : 81 Question Id : 4176813981 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The colour used to represent wastelands on a map is

Options :

A. ✖ light green

B. ✖ light blue

C. ✔ light red

D. ✖ light grey

Question Number : 82 Question Id : 4176813982 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

On June 21, direct rays of sun do not fall on

Options :

A. ✖ India

B. ✖ China

C. ✔ Nepal

D. ✖ Myanmar

Question Number : 83 Question Id : 4176813983 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Alent and Inupik are

Options :

A. ✔ the languages of Eskimos

B. ✖ hooded jackets of Eskimos

C. ✖ tools used by Eskimos for hunting

D. ✖ the groups of people skilled in performing rituals

Question Number : 84 Question Id : 4176813984 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Mangrove forests are not found in

Options :

A. ✖ Odisha

B. ✖ Andhra Pradesh

C. ✖ Tamilnadu

D. ✔ Telangana

Question Number : 85 Question Id : 4176813985 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

This is not to be done after Tsunami

Options :

A. ✖ open the doors and windows of the building.

B. ✔ continuous use of telephone / cellular phone.

C. ✖ use of telephone / cellular phone only for emergency calls.

D. ✖ using radio for updated emergency information.

Question Number : 86 Question Id : 4176813986 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

During the British period cricket game was sponsored by

Options :

A. ✔ Tatas

B. ✖ Reliance

C. ✖ Mudaliars

D. ✖ Iyengars

Question Number : 87 Question Id : 4176813987 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The artform of Telangana that came out of the daily labour of the peasants is

Options :

A. ✖ Gussadi

B. ✖ Sadir Natyam

C. ✖ Kuravanji

D. ✔ Chuttukamudu

Question Number : 88 Question Id : 4176813988 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Identify the wrong statement

Options :

A. ✖ The temperature in Troposphere decreases as we go higher.

B. ✖ The temperature in Stratosphere increases as there is increase in altitude.

C. ✔ The temperature in Mesophere starts increasing with the increase in altitude.

D. ✖ The temperature in Thermosphere rises rapidly with increase in height.

Question Number : 89 Question Id : 4176813989 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

This is almost equal in width at its top as well as its bottom

Options :

A. ✖ Canyon

B. ✔ Gorge

C. ✖ Meander

D. ✖ Moraines

Question Number : 90 Question Id : 4176813990 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In recent years sugar mills are concentrated in Southern and Western States because

a) Cooler climate

b) Cane produced here has higher sucrose content

c) Close to Equator

d) Encouragement by State Government

Options :

A. ✖ a, c and d

B. ✖ a, b and d

C. ✖ c and d

D. ✔ a and b

Question Number : 91 Question Id : 4176813991 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Whenever there is price rise, the Reserve Bank of India

Options :

A. ✖ allows the depositors to withdraw more money.

B. ✖ doesnot control the interest payments paid to the depositor.

C. ✔ reduces the money circulation in the economy.

D. ✖ increases the money circulation in the economy.

Question Number : 92 Question Id : 4176813992 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Subjects like Anatomy and Geometry helped in development of

Options :

A. ✔ Realism

B. ✖ Luddism

C. ✖ Catholicism

D. ✖ Feudalism

Question Number : 93 Question Id : 4176813993 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

This is an example of semi colony

Options :

A. ✖ Chile

B. ✖ Peru

C. ✔ China

D. ✖ Japan

Question Number : 94 Question Id : 4176813994 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Bhumika helpline

Options :

A. ✖ provides health assistance to children.

B. ✖ settles disputes between children.

C. ✔ rescues children from child marriages.

D. ✖ provides basic amenities kits to girls.

Question Number : 95 Question Id : 4176813995 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The hills that are not part of Eastern Ghats

Options :

A. ✔ Palani

B. ✖ Aroma Konda

C. ✖ Nallamalas

D. ✖ Velikondas

Question Number : 96 Question Id : 4176813996 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

This is not an example of intermediate good

Options :

A. ✖ wheat

B. ✖ flour

C. ✖ sugar

D. ✔ biscuit

Question Number : 97 Question Id : 4176813997 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Intensity of temperature depends on the

Options :

A. ✖ longitude

B. ✔ latitude

C. ✖ rotation of the earth

D. ✖ revolution of the earth

Question Number : 98 Question Id : 4176813998 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The Indian season "Sharad" is followed by

Options :

A. ✖ Grishma

B. ✔ Hemanta

C. ✖ Shishira

D. ✖ Varsha

Question Number : 99 Question Id : 4176813999 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The economy in colonial Vietnam was based on

a) Rice cultivation

b) Indusitries

c) Rubber Plantations

d) Cultivation of cotton and spices

Options :

A. ✖ a and b

B. ✖ a and d

C. ✔ a and c

D. ✖ c and d

Question Number : 100 Question Id : 4176814000 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The reform that was initiated to bring greater freedom for the people in USSR was

Options :

A. ✖ DIET

B. ✔ Glasnost

C. ✖ Greenpeace Movement

D. ✖ Holocaust