

# 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.

<b>Question Paper Name :</b>	English Medium with Telugu 10th Jul 2024 Shift 2
<b>Subject Name :</b>	English Medium with Telugu
<b>Creation Date :</b>	2024-07-10 17:28:42
<b>Duration :</b>	120
<b>Total Marks :</b>	100
<b>Display Marks:</b>	Yes
<b>Share Answer Key With Delivery Engine :</b>	Yes
<b>Actual Answer Key :</b>	Yes
<b>Change Font Color :</b>	No
<b>Change Background Color :</b>	No
<b>Change Theme :</b>	No
<b>Help Button :</b>	No
<b>Show Reports :</b>	No
<b>Show Progress Bar :</b>	No

## English Medium with Telugu

<b>Group Number :</b>	1
<b>Group Id :</b>	72639223
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	120
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Break time :</b>	0
<b>Group Marks :</b>	100

## General Knowledge and Teaching Aptitude

<b>Section Id :</b>	726392155
<b>Section Number :</b>	1

<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	10
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	10
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	726392171
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 7263922217 Question Type : MCQ Option Shuffling : No**  
**Display Question Number : Yes**  
**Correct Marks : 1 Wrong Marks : 0**

Martyrs Day is observed in India on

**Options :**

1. ✘ 31<sup>st</sup> October
2. ✘ 12<sup>th</sup> March
3. ✔ 30<sup>th</sup> January
4. ✘ 9<sup>th</sup> August

**Question Number : 2 Question Id : 7263922218 Question Type : MCQ Option Shuffling : No**  
**Display Question Number : Yes**  
**Correct Marks : 1 Wrong Marks : 0**

The 2024 Summer Olympics are scheduled to be held at Paris from 26<sup>th</sup> July, 2024

to

**Options :**

1. ✘ 15<sup>th</sup> August, 2024

2. ✓ 11<sup>th</sup> August, 2024

3. ✘ 25<sup>th</sup> August, 2024

4. ✘ 1<sup>st</sup> September, 2024

Question Number : 3 Question Id : 7263922219 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

Viticulture is cultivation and harvesting of

Options :

1. ✘ Onions

2. ✓ Grapes

3. ✘ Mangoes

4. ✘ Tomatoes

Question Number : 4 Question Id : 7263922220 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

The most populated city in India as per 2011 census

Options :

1. ✓ Mumbai
2. ✘ Delhi
3. ✘ Kolkata
4. ✘ Hyderabad

Question Number : 5 Question Id : 7263922221 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The script used for writing in English language is

Options :

1. ✘ Georgian
2. ✘ Greek
3. ✘ Hangul
4. ✓ Latin

Question Number : 6 Question Id : 7263922222 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

One of the following should **NOT** be a quality of a teacher

Options :

1. ✘ Researcher
2. ✘ Leader
3. ✔ Loner
4. ✘ Motivator

**Question Number : 7 Question Id : 7263922223 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

The qualities among the following that you want to develop among your students

- A. Scientific Temper
- B. Ideals of democracy
- C. Environmental Protection

**Options :**

1. ✔ A, B and C
2. ✘ A and B only
3. ✘ A and C only
4. ✘ B and C only

**Question Number : 8 Question Id : 7263922224 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

When we are talking about providing least restricted environment we are talking about the education of the

**Options :**

1. ✓ Physically handicapped
2. ✗ Girl child
3. ✗ Child belonging to minority group
4. ✗ First generation learner

**Question Number : 9 Question Id : 7263922225 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

The number of years of pre schooling recommended in NEP 2020 is

**Options :**

1. ✗ 1 year
2. ✗ 2 years
3. ✗ 4 years
4. ✓ 3 years

**Question Number : 10 Question Id : 7263922226 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

The National Eligibility cum Entrance Test (NEET-UG) 2024 is conducted by

Options :

1. ✘ All India Medical Council
2. ✔ National Testing Agency
3. ✘ Central Board of Secondary Education
4. ✘ University Grants Commission

## General English

Section Id :	726392156
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	16
Number of Questions to be attempted :	16
Section Marks :	20
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	726392172
Question Shuffling Allowed :	Yes

Question Number : 11 Question Id : 7263922227 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

Ashoka was a wise king.

Choose the option indicating the part of speech of the underlined word.

Options :

1. ✘ Verb

2. ✘ Noun

3. ✘ Pronoun

4. ✔ Adjective

Question Number : 12 Question Id : 7263922228 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

He said, "Don't open the door."

Choose the option with the given sentence in indirect speech.

Options :

1. ✔ He ordered me, not to open the door.

2. ✘ He asked me I won't open the door.

3. ✘ He told to me that don't open the door.

4. ✘ He asked me no to open the door.

Question Number : 13 Question Id : 7263922229 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

My son's birthday coincides \_\_\_\_\_ mine.

Choose the appropriate option to complete the sentence.



Options :

1. ✓ with
2. ✘ on
3. ✘ in
4. ✘ by

Question Number : 14 Question Id : 7263922230 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

There \_\_\_ plenty of time before the bus left. Fill in the blank with appropriate word.

Options :

1. ✘ has
2. ✘ are
3. ✓ was
4. ✘ for

Question Number : 15 Question Id : 7263922231 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

This kind of tree grows very \_\_\_\_\_.  
Choose the correct from to fill in the blank.

Options :

1. ✘ slow
2. ✘ slower
3. ✘ slowest
4. ✔ slowly

Question Number : 16 Question Id : 7263922232 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

The officer was caught red handed.

Choose the one that best expresses the meaning of the idiom/phrase 'red handed'.

Options :

1. ✘ The officer's hands turned red.
2. ✘ Caught with dirty hands.
3. ✔ Caught while committing a crime.
4. ✘ Caught with red hands.

Question Number : 17 Question Id : 7263922233 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

He woke up early. Choose appropriate question tag.

Options :

1. ✘ did he?
2. ✔ didn't he?
3. ✘ should he?
4. ✘ won't he?

Question Number : 18 Question Id : 7263922234 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Rearrange the following parts to form a correct sentence

P. adverse effects of the rise of

Q. The Government

R. population in India

S. is concerned about

Options :

1. ✘ QPRS
2. ✘ QRSP
3. ✘ QRPS
4. ✔ QSPR

Question Number : 19 Question Id : 7263922235 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Identify the wrongly spelt word from the following.

Options :

1. ✘ innovation

2. ✔ rectification

3. ✘ moderation

4. ✘ transformation

Question Number : 20 Question Id : 7263922236 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

“Please join me in the party.” The sentence is a/an

Options :

1. ✘ Interrogative Sentence

2. ✘ Declarative Sentence

3. ✘ Exclamatory Sentence

4. ✔



3. ✓ C

4. ✗ D

Question Number : 23 Question Id : 7263922239 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Choose the correct option to complete the following statement.  
Hyderabad is \_\_\_\_\_ Warangal.

Options :

1. ✗ large than

2. ✓ larger than

3. ✗ the largest than

4. ✗ largest than

Question Number : 24 Question Id : 7263922240 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Give \_\_\_\_\_ a break and get some rest.  
Choose the correct option to complete the sentence

Options :

1. ✘ your

2. ✘ you

3. ✔ yourself

4. ✘ yours

Question Number : 25 Question Id : 7263922241 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

Identify the silent consonant letter in the word 'condemn'.

Options :

1. ✘ s

2. ✔ n

3. ✘ c

4. ✘ g

Sub-Section Number :

2

Sub-Section Id :

726392173

Question Shuffling Allowed :

No

Question Id : 7263922242 Question Type : COMPREHENSION Sub Question Shuffling Allowed :

## Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix

Question Numbers : (26 to 30)

Question Label : Comprehension

Read the following passage and answer the questions given. Choose the correct option for each question.

When we pick up a newspaper, a book, or an article, we come to our task with certain preconceptions and predispositions. We expect to find a specific piece of information or be presented with an argument or an analysis of something, say, the likelihood of recession in the next six months or the reasons why children can't read. We probably know a little about the book or article we are reading even before we start. There was, after all, some reason why we chose to read one piece of writing rather than another.

Our expectations and predispositions may, however, blind us to what the article and its author is actually saying. If, for example, we are used to disagreeing with the author, we may see only what we expect to see and not what is actually there. Day after day in our routine pattern of life we expose ourselves to the same newspaper, the same magazine, even books by authors with the same perspectives. In order to reflect on our reading habits and improve our skills we need to break out of the routine, step back and look at what we are doing when we read.

### Sub questions

Question Number : 26 Question Id : 7263922243 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

In order to reflect on our reading habits and improve our skills we need to break out of this routine. The routine is

### Options :

1. ✘ preconceptions and predispositions on reading a newspaper, a book, or an article.
2. ✘ reflections on our reading habits.
3. ✔



step back and look at what we are doing when we read.

reading the books for new information.

4. ✘

Question Number : 27 Question Id : 7263922244 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The word in the passage means 'decline'.

Options :

1. ✘ perspective

2. ✔ recession

3. ✘ predisposition

4. ✘ preconception

Question Number : 28 Question Id : 7263922245 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

According to the passage the following statement is **NOT** true.

Options :

1. ✘ Our expectations and preconceptions can blind us to what the article and its author are actually saying.

2. ✘ We have certain preconceptions and biases when we read a newspaper, book, or article.

3. ✘ We may only see what we expect to see, not what is actually there in the newspaper, book, or article.

4. ✔ We do not have a reason for choosing to read one piece of writing instead of another

**Question Number : 29 Question Id : 7263922246 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**

**Correct Marks : 1 Wrong Marks : 0**

The passage is about

**Options :**

1. ✘ choosing the right material for reading

2. ✘ importance of reading habit

3. ✘ different types of literature

4. ✔ influence of preconceptions and predispositions on reading

**Question Number : 30 Question Id : 7263922247 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**

**Correct Marks : 1 Wrong Marks : 0**

According to the passage, while reading the articles we may see only what we expect to see and not what

**Options :**

1. ✘ is missing there
2. ✔ actually is there
3. ✘ must be there
4. ✘ is happening there

## General Telugu

Section Id :	726392157
Section Number :	3
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	10
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	726392174
Question Shuffling Allowed :	Yes

Question Number : 31 Question Id : 7263922248 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

సామల సదాశివ గారి రచన కానిది

**Options :**

1. ✘ మలయ మారుతాలు

2. ✘ సంగీత శిఖరాలు

3. ✘ యాది

4. ✔ రుద్రవీణ

Question Number : 32 Question Id : 7263922249 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

‘పణం’ యొక్క నానార్థం

Options :

1. ✘ పరిమళం

2. ✔ పందెం

3. ✘ ప్రాణం

4. ✘ ప్రయాణం

Question Number : 33 Question Id : 7263922250 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

రాజు యొక్క కుటుంబము. 'యొక్క' అనునది ఈ విభక్తి

Options :

1. ✘ ప్రథమా విభక్తి

2. ✘ తృతీయ విభక్తి

3. ✔ షష్ఠీ విభక్తి

4. ✘ పంచమీ విభక్తి

Question Number : 34 Question Id : 7263922251 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

'వాగమ శాసనుడు' అను బిరుదు గల కవి

Options :

1. ✘ తిక్కన్న

2. ✘ శ్రీనాథుడు

3. ✘ ఎర్రన్న

4. ✔ నన్నయ్య

Question Number : 35 Question Id : 7263922252 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

సంధిని విడదీసినప్పుడు ఏర్పడే రెండు పదాలలో మొదటి పదాన్ని ఇలా అంటారు.

Options :

1. ✓ పూర్వ పదం

2. ✘ ఎగువ పదం

3. ✘ దిగువ పదం

4. ✘ పరపదం

Question Number : 36 Question Id : 7263922253 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

'దిశ' అను పదానికి వికృతి

Options :

1. ✘ దిస

2. ✓ దెస

3. ✘

దిక్కు

వైపు

4. ✘

Question Number : 37 Question Id : 7263922254 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

'దాశరథి శతకం' రాసినవారు

Options :

పోతన

1. ✘

బద్దెన

2. ✘

వేమన

3. ✘

కంచర్ల గోపన్న

4. ✔

Question Number : 38 Question Id : 7263922255 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

'అన్నం పెట్టిన ఇంటికి కన్నం వేయడం' ఈ సామెతకు అర్థం

Options :

గొప్పతనం కోసం అర్హత లేని పనులు చేయడం

1. ✘

ఉపకారికి అపకారం చేయడం

2. ✔

స్వల్ప ప్రయోజనం కోసం గొప్ప నష్టం కలిగించడం

3. ✘

శక్తిని బట్టి ఫలితం కూడా ఉంటుంది

4. ✘

Question Number : 39 Question Id : 7263922256 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

'ముల్లోకములు' సమాసాన్ని గుర్తించండి

Options :

బహువ్రీహి సమాసము

1. ✘

ద్వంద్వ సమాసము

2. ✘

ద్విగు సమాసము

3. ✔

తత్పురుష సమాసము

4. ✘

Question Number : 40 Question Id : 7263922257 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes



Correct Marks : 1 Wrong Marks : 0

\_\_\_\_\_ కష్టపడి పండించిన పంట వరదలకు కౌట్టుక పోయింది.

వాక్యాన్ని సరైన పదంతో పూరించండి

Options :

ఆరుగాలం

1. ✓

ఏరుగాలం

2. ✘

కలకాలం

3. ✘

నాటికాలం

4. ✘

## Mathematics

Section Id :	726392158
Section Number :	4
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	20
Number of Questions to be attempted :	20
Section Marks :	20
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	726392175
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 7263922258 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Which of the following is a prime number?

Options :

1. ✘ 81
2. ✘ 77
3. ✘ 49
4. ✔ 53

Question Number : 42 Question Id : 7263922259 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

The degree of the polynomial  $3x^3 + 5x^2 - 4x + 1$  is

Options :

1. ✘ 1
2. ✘ 2
3. ✔ 3
4. ✘ 4

Question Number : 43 Question Id : 7263922260 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

The 11<sup>th</sup> term in arithmetic progression  $-1, 3, 7, 11, 15, 19, \dots$  is

Options :

1. ✓ 39

2. ✗ 35

3. ✗ 43

4. ✗ 37

Question Number : 44 Question Id : 7263922261 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The area (in sq.cm) of an equilateral triangle with a side of length 8 cm is

Options :

1. ✗ 16

2. ✓  $16\sqrt{3}$

3. ✗  $24\sqrt{3}$

4. ✗ 24

Question Number : 45 Question Id : 7263922262 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

The areas (in sq.cm) of a circle with a circumference of  $12\pi$  cm is

Options :

1.  $12\pi$  ✖
2.  $24\pi$  ✖
3.  $36\pi$  ✔
4.  $48\pi$  ✖

Question Number : 46 Question Id : 7263922263 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

The mean of 30 numbers is 30. If two numbers, 24 and 36 are discarded, then the mean of the remaining numbers is

Options :

1. 28 ✖
2. 30 ✔
3. 29 ✖
4. 26 ✖

Question Number : 47 Question Id : 7263922264 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

The probability of a sure event is

Options :

1. ✓ 1

2. ✗ 0

3. ✗ 0.5

4. ✗  $\infty$

Question Number : 48 Question Id : 7263922265 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

The solution of the system of equations  $2x + y = 19$  and  $x - y = 5$  is

Options :

1. ✗  $x = 7, y = 5$

2. ✗  $x = 9, y = 1$

3. ✗  $x = 6, y = 1$

4. ✓

$$x = 8, y = 3$$

Question Number : 49 Question Id : 7263922266 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

$$\log \frac{64}{27} =$$

Options :

1. ✘  $4\log 3 - 3\log 4$

2. ✔  $3(\log 4 - \log 3)$

3. ✘  $\log 4 - \log 3$

4. ✘  $3\log 4 - 4\log 3$

Question Number : 50 Question Id : 7263922267 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

A is the set of factors of 72. Which of the following is not an element in set A?

Options :

1. ✘ 18

2. ✘ 36

3. ✔

4. ✘ 24

Question Number : 51 Question Id : 7263922268 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

When  $x = -1$ , the value of  $p(x) = x^2 - 2x + 3$  is

Options :

1. ✔ 6

2. ✘ 0

3. ✘ 2

4. ✘ 4

Question Number : 52 Question Id : 7263922269 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

Sum of the zeroes of the polynomial  $x^2 - 3$  is

Options :

1. ✘ 1

2. ✘

3

3. ✘ -3

4. ✔ 0

Question Number : 53 Question Id : 7263922270 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

Which of the following is **NOT** a quadratic equation?

Options :

1. ✘  $(x - 2)^2 + 1 = 2x - 3$

2. ✔  $x(x + 1) + 8 = (x + 2)(x - 2)$

3. ✘  $x(2x + 3) = x^2 + 1$

4. ✘  $(x + 2)^3 = x^3 - 4$

Question Number : 54 Question Id : 7263922271 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

Nature of roots of the quadratic equation  $2x^2 - x + 1 = 0$  are

Options :

1. ✘



two distinct real roots

only one real root

2. ✘

no real roots

3. ✔

two equal real roots

4. ✘

Question Number : 55 Question Id : 7263922272 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

The common ratio of the GP:  $16, -4, 1, \frac{-1}{4}$  ..... is

Options :

$$\frac{-1}{4}$$

1. ✔

$$-4$$

2. ✘

$$4$$

3. ✘

$$\frac{1}{4}$$

4. ✘

Question Number : 56 Question Id : 7263922273 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The distance between two points P (2,5) and Q (6, 8) is

Options :

4 units

1. ✘

5 units

2. ✔

6 units

3. ✘

3 units

4. ✘

Question Number : 57 Question Id : 7263922274 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The centroid of the triangle whose vertices are (4, 5), (-2, -2) and (-8, 0) is

Options :

(2, -1)

1. ✘

(-3, 0)

2. ✘

(-2, 1)

3. ✔

(3, 0)

4. ✘

Question Number : 58 Question Id : 7263922275 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

$\Delta ABC \sim \Delta PQR$  and their areas are 49sq.cm and 64sq.cm. If  $QR=4$ cm

then  $BC=$

Options :

1. ✘ 8 cm

2. ✘ 4.5cm

3. ✔ 3.5cm

4. ✘ 4cm

Question Number : 59 Question Id : 7263922276 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

If  $\tan A = \frac{3}{4}$ , then  $\operatorname{cosec} A =$

Options :

1. ✘  $\frac{3}{5}$

2. ✘  $\frac{4}{3}$

3. ✘

$$\frac{5}{4}$$

$$\frac{5}{3}$$

4. ✓

Question Number : 60 Question Id : 7263922277 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

If  $n$  is odd, the median of ungrouped data is the

Options :

$(\frac{n+1}{2})^{\text{th}}$  observation

1. ✓

$n^{\text{th}}$  observation

2. ✘

$(\frac{n}{2})^{\text{th}}$  observation

3. ✘

$(\frac{n-1}{2})^{\text{th}}$  observation

4. ✘

## Physical Sciences

Section Id :	726392159
Section Number :	5
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10

Section Marks :	10
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	726392176
Question Shuffling Allowed :	Yes

Question Number : 61 Question Id : 7263922278 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

The magnification produced by a convex mirror is always

Options :

1. ✘ equal to 1
2. ✘ zero
3. ✔ less than 1
4. ✘ greater than 1

Question Number : 62 Question Id : 7263922279 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

In the chemical reaction  $\text{Fe}_2\text{O}_{3(s)} + 2\text{Al}_{(s)} \xrightarrow{\Delta} 2\text{Fe}_{(s)} + \text{Al}_2\text{O}_{3(s)}$ ,  $\Delta$  represents

Options :

1. ✔ heat
2. ✘ precipitate

catalyst

3. ✘

gas

4. ✘

**Question Number : 63 Question Id : 7263922280 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**

**Correct Marks : 1 Wrong Marks : 0**

The unit of power of lens is

**Options :**

Decimal

1. ✘

Dioptre

2. ✔

Watt

3. ✘

Degree

4. ✘

**Question Number : 64 Question Id : 7263922281 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following states that “The orbitals of equal energy (degenerate) are occupied with one electron each before pairing of electrons starts”

**Options :**

Pauli’s exclusion principle

1. ✘

Hund's rule

2. ✓

Aufbau principle

3. ✗

Ohm's law

4. ✗

**Question Number : 65 Question Id : 7263922282 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

As we move from top to bottom in a group in the periodic table, the valency of atoms

**Options :**

increase

1. ✗

decreases

2. ✗

first increases and then decreases

3. ✗

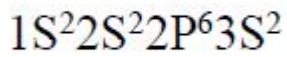
remains same

4. ✓

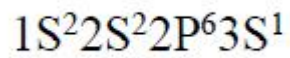
**Question Number : 66 Question Id : 7263922283 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

The electronic configuration of  $\text{Mg}^{2+}$

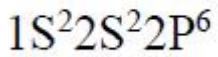
Options :



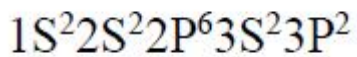
1. ✖



2. ✖



3. ✔



4. ✖

Question Number : 67 Question Id : 7263922284 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

1 KWH=

Options :

$$3 \times 10^5 \text{ J}$$

1. ✖

$$3 \times 10^4 \text{ J}$$

2. ✖

$$3 \times 10^2 \text{ J}$$

3. ✖

$$3 \times 10^6 \text{ J}$$

4. ✔

Question Number : 68 Question Id : 7263922285 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0



Statement I: The direction of the field lines outside the solenoid is from north to south.

Statement II: The direction of the field lines inside the solenoid is from south to north.

**Options :**

1. ✓ Both statements are true
2. ✗ Both statements are false
3. ✗ Statement I is true, Statement II is false
4. ✗ Statement I is false, Statement II is true

**Question Number : 69 Question Id : 7263922286 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

The place inside the furnace where the ore is kept for heating purpose

**Options :**

1. ✗ Chimney
2. ✓ Hearth
3. ✗ Firebox
4. ✗

# Slag

Question Number : 70 Question Id : 7263922287 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

Fullerene, C<sub>60</sub> molecule contains

Options :

1. ✘ 20 pentagonal and 10 hexagonal faces
2. ✘ 20 pentagonal and 12 hexagonal faces
3. ✘ 10 pentagonal and 20 hexagonal faces
4. ✔ 12 pentagonal and 20 hexagonal faces

## Biological Sciences

Section Id :	726392160
Section Number :	6
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	10
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	726392177
Question Shuffling Allowed :	Yes

**Question Number : 71 Question Id : 7263922288 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**

**Correct Marks : 1 Wrong Marks : 0**

Lichens are colonies where algae and fungi live in a symbiotic relationship. The function of alga here is to

- A). perform photosynthesis
- B). provide water and minerals.
- C). supply food in the form of sugars to the fungus.

Choose the correct answer:

**Options :**

A only

1. ✘

C only

2. ✘

A & B only

3. ✘

A & C only

4. ✔

**Question Number : 72 Question Id : 7263922289 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**

**Correct Marks : 1 Wrong Marks : 0**

The hormones in plants those help in coordination are called

**Options :**

phytohormones

1. ✔

sex hormones

2. ✘

steroid hormones

3. ✘

peptide hormones

4. ✘

**Question Number : 73 Question Id : 7263922290 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

The discovery of antibiotic Penicillin was announced in the year

**Options :**

1919

1. ✘

1927

2. ✘

1929

3. ✔

1917

4. ✘

**Question Number : 74 Question Id : 7263922291 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

Diabetes is related to this gland.

**Options :**

1. ✘ Thyroid

2. ✔ Pancreas

3. ✘ Adrenal

4. ✘ Pituitary

**Question Number : 75 Question Id : 7263922292 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

The part of the female reproductive system that produces the eggs is

**Options :**

1. ✔ Ovary

2. ✘ Fallopian tube

3. ✘ Uterus

4. ✘ Epididymis

**Question Number : 76 Question Id : 7263922293 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

The following hormone which is secreted by fat cells suppresses hunger.

**Options :**

Ghrelin

1. ✘

Secretin

2. ✘

Gastrin

3. ✘

Leptin

4. ✔

**Question Number : 77 Question Id : 7263922294 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**

**Correct Marks : 1 Wrong Marks : 0**

Natural selection means

- A) Nature selects desirable characters.
- B) Nature rejects undesirable characters.
- C) Nature reacts with an organism.

Choose the correct answer:

**Options :**

A only

1. ✘

B & C only

2. ✘

3. ✓ A & B only

4. ✘ A & C only

Question Number : 78 Question Id : 7263922295 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Ban all pesticides, this means that

Options :

1. ✘ control on usage of pesticides.

2. ✓ promote eco-friendly agricultural practices.

3. ✘ prevention of organic fertilisers.

4. ✘ stop biochemical factories.

Question Number : 79 Question Id : 7263922296 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

One of the following is **NOT** produced from petroleum

Options :

1. ✓ coal

2. ✘ wax

3. ✘ nylon

4. ✘ plastic

Question Number : 80 Question Id : 7263922297 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

This nerve plays an important role in sensation of taste

Options :

1. ✘ 5<sup>th</sup> cranial nerve

2. ✘ 6<sup>th</sup> cranial nerve

3. ✘ 2<sup>nd</sup> cranial nerve

4. ✔ 10<sup>th</sup> cranial nerve

## Social Studies

Section Id :	726392161
Section Number :	7
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	20



Number of Questions to be attempted :	20
Section Marks :	20
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	726392178
Question Shuffling Allowed :	Yes

Question Number : 81 Question Id : 7263922298 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

The British East India Company rule was ended with

Options :

1. ✘ The Government of India Act, 1935
2. ✘ The Government of India Act, 1909
3. ✔ Queen Victoria's proclamation of 1858
4. ✘ The Government of India Act, 1919

Question Number : 82 Question Id : 7263922299 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

In India, we usually follow the conventions used by the

Options :

1. ✔ Survey of India
2. ✘ National Mineral Development Corporation

## Central Statistical Organisation

3. ✖

## Geological Survey of India

4. ✖

**Question Number : 83 Question Id : 7263922300 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**

**Correct Marks : 1 Wrong Marks : 0**

From among the following, the extreme Climate is observed in this city of India

**Options :**

Panaji, Goa

1. ✖

Shimla, Himachal Pradesh

2. ✖

Nagpur, Maharashtra

3. ✔

Darjeeling, West Bengal

4. ✖

**Question Number : 84 Question Id : 7263922301 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**

**Correct Marks : 1 Wrong Marks : 0**

Maximum evaporation and cloud formation takes place on the surface of the

**Options :**

1. ✖

Plains

Rivers

2. ✘

Oceans

3. ✔

Lakes

4. ✘

**Question Number : 85 Question Id : 7263922302 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

From among the following, the islands formed by the volcanic eruption are

**Options :**

Lakshadweep Islands and Pamban Island

1. ✘

Narcondam and Barren Islands

2. ✔

Great Nicobar & Pamban Island

3. ✘

Pamban Island & Anderson Island

4. ✘

**Question Number : 86 Question Id : 7263922303 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

In 1939, Adolf Hitler invaded Poland for

**Options :**

1. ✓ refusing to hand over the port of Danzig to Germany
2. ✗ not allowing its army from Danzig
3. ✗ making an alliance with France
4. ✗ not allowing its army through Warsaw, the capital of Poland

**Question Number : 87 Question Id : 7263922304 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

Among the following, the representatives of the third estate who declared themselves as a National Assembly

**Options :**

1. ✗ John Locke, Rouseau and Montesque
2. ✓ Mirabeau, Abbe sieyes and Bailly
3. ✗ Robespierre, Mary Antionette and Nepoleon Bonaparte
4. ✗ Rousseau, Nepolean Bonaparte and Mary Antionette

Question Number : 88 Question Id : 7263922305 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Among the following, the black soils are extensively found in this district of Telangana State

Options :

1. ✘ Nalgonda

2. ✘ Khammam

3. ✘ Mahabubnagar

4. ✔ Adilabad

Question Number : 89 Question Id : 7263922306 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The total number of States and Union Territories in India are

Options :

1. ✘ 28 States and 7 Union Territories

2. ✘ 29 States and 8 Union Territories

3. ✘ 29 States and 7 Union Territories

## 28 States and 8 Union Territories

4. ✓

Question Number : 90 Question Id : 7263922307 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

This Plain extends in between Ghaggar and Teesta rivers

Options :

Sindhu Plain

1. ✘

Ganga Plain

2. ✓

Sundarbans

3. ✘

Brahmaputra Plain

4. ✘

Question Number : 91 Question Id : 7263922308 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

In rural areas, the disguised or underemployment is more in

Options :

Industrial sector

1. ✘

2. ✘

Service sector

3. ✓ Agricultural sector

4. ✘ Transport sector

**Question Number : 92 Question Id : 7263922309 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

The climate of a place is not influenced by one of the following factors

**Options :**

1. ✘ Pressure and wind System

2. ✘ Ocean Currents and relief features

3. ✘ Distance from the sea

4. ✓ Time of the day and distance from a river

**Question Number : 93 Question Id : 7263922310 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

Among the following, the Indian Government used this policy to regulate the prices of essential goods

**Options :**

Stops circulation of money

1. ✘

Increase the purchasing power of the people

2. ✘

Uses import-export policy

3. ✔

Imposes taxes on all the people to minimise the purchasing power of the people

4. ✘

**Question Number : 94 Question Id : 7263922311 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**

**Correct Marks : 1 Wrong Marks : 0**

Among the following, this state of India is having 16.5% of Total population of India as per 2011 census

**Options :**

West Bengal

1. ✘

Bihar

2. ✘

Uttar Pradesh

3. ✔

Rajasthan

4. ✘



Question Number : 95 Question Id : 7263922312 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

Identify the **INCORRECT** statement among the following regarding the Solar System

Options :

The Sun constantly emits light and heat

1. ✘

The Sun is the principal source of energy on the earth's surface

2. ✘

The earth and the other seven planets revolve round the Sun

3. ✘

Neptune is the nearest planet to the sun

4. ✔

Question Number : 96 Question Id : 7263922313 Question Type : MCQ Option Shuffling : No  
Display Question Number : Yes  
Correct Marks : 1 Wrong Marks : 0

One of the following is not the phases of Disaster Management

Options :

Emergency response and relief

1. ✘

Rehabilitation and Reconstruction

2. ✘

3. ✔

## Provision of knowledge regarding Natural calamities

### Mitigation

4. ✖

**Question Number : 97 Question Id : 7263922314 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

Fundamental duties are incorporated in this article of the Indian Constitution

**Options :**

Article 39A

1. ✖

Article 51A

2. ✔

Article 324

3. ✖

Article 326

4. ✖

**Question Number : 98 Question Id : 7263922315 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 1 Wrong Marks : 0**

The Central Government has appointed Justice J.S Varma Committee to

**Options :**

Provide suggestion for preventing sexual assault and abuse

1. ✔

Formulate certain principles for the implementation of 'Act of Judicial Services Authority'

2. ✘

See the functioning of Lok Adalat

3. ✘

See the implementation of Criminal Legal Amendment Act, 2013

4. ✘

**Question Number : 99 Question Id : 7263922316 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**

**Correct Marks : 1 Wrong Marks : 0**

The old name of Myanmar is

**Options :**

Ceylon

1. ✘

Burma

2. ✔

Babylonia

3. ✘

Mesopotamia

4. ✘

**Question Number : 100 Question Id : 7263922317 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**

**Correct Marks : 1 Wrong Marks : 0**

At the end of these war/s in South Africa in 1902, the British consolidated all the regions of South Africa in to one 'Union of South Africa'

**Options :**

Opium Wars

1. ✘

The Seven – Years War

2. ✘

Wars of the three kingdoms

3. ✘

Boers Wars

4. ✔