

## DSSSB Exam September 2025

Participant ID	[REDACTED]
Participant Name	[REDACTED]
Test Center Name	iON Digital Zone iDZ 2 Sector 62
Test Date	07/09/2025
Test Time	5:00 PM - 7:00 PM
Subject	TGT Natural Science

### Section : General intelligence and Reasoning Ability

**Q.1** Six students are sitting around a circular table facing the centre. Eden is an immediate neighbour of both Ben and Carla. Adam is sitting second to the left of Carla. Franklin is sitting third to the left of Ben. David is an immediate neighbour of both Adam and Ben. Who is sitting between David and Eden?

- Ans**
- 1. Adam
  - 2. Carla
  - 3. Ben
  - 4. Franklin

Question ID :	441009801173
Option 1 ID :	4410093158795
Option 2 ID :	4410093158793
Option 3 ID :	4410093158794
Option 4 ID :	4410093158796

**Q.2** Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

19 - 3 - 11  
8 - 4 - 6

- Ans**
- 1. 12 - 8 - 10
  - 2. 3 - 8 - 7
  - 3. 3 - 5 - 2
  - 4. 12 - 3 - 8

Question ID :	441009588205
Option 1 ID :	4410092307947
Option 2 ID :	4410092307948
Option 3 ID :	4410092307946
Option 4 ID :	4410092307949

Q.3	87 people are standing in a row facing north. Mae is 16 <sup>th</sup> from the left end while Fae is 36 <sup>th</sup> from the right end. How many people are there between Mae and Fae?
Ans	<input type="checkbox"/> 1. 39
	<input checked="" type="checkbox"/> 2. 35
	<input type="checkbox"/> 3. 33
	<input type="checkbox"/> 4. 37

Question ID :	441009981395
Option 1 ID :	4410093878049
Option 2 ID :	4410093878047
Option 3 ID :	4410093878046
Option 4 ID :	4410093878048

Q.4	Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question?  (Note: A two-/three-digit number cannot be broken into individual digits for operations e.g., if 37 is followed by 10, the operation cannot be 3 + 7 as a two-digit number cannot be broken into individual digits.)  10 - 15 - 25 - 100 42 - 47 - 57 - 228
Ans	<input type="checkbox"/> 1. 26 - 32 - 37 - 148
	<input type="checkbox"/> 2. 31 - 36 - 43 - 172
	<input checked="" type="checkbox"/> 3. 18 - 23 - 33 - 132
	<input type="checkbox"/> 4. 23 - 27 - 34 - 170

Question ID :	441009552222
Option 1 ID :	4410092164203
Option 2 ID :	4410092164205
Option 3 ID :	4410092164202
Option 4 ID :	4410092164204

Q.5	In a certain code language, 'GROW' is coded as '3967' and 'WORM' is coded as '3957'. What is the code for 'M' in the given code language?
Ans	<input type="checkbox"/> 1. 7
	<input type="checkbox"/> 2. 9
	<input checked="" type="checkbox"/> 3. 5
	<input type="checkbox"/> 4. 3

Question ID :	441009981577
Option 1 ID :	4410093878776
Option 2 ID :	4410093878777
Option 3 ID :	4410093878774
Option 4 ID :	4410093878775

**Q.6** This question is based on the five, three-digit numbers given below.  
(Left) 672 159 764 237 784 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)  
(Note: All operations to be done from left to right.)

If all the numbers are arranged in ascending order, the position(s) of how many numbers will remain unchanged?

- Ans
- 1. Two
  - 2. Three
  - 3. One
  - 4. Four

Question ID :	441009980962
Option 1 ID :	4410093876315
Option 2 ID :	4410093876316
Option 3 ID :	4410093876314
Option 4 ID :	4410093876317

**Q.7** Select the triad that follows the same pattern as that followed by the two triads given below.  
Both triads follow the same pattern.

LJ-NK-PR  
OM-QN-SU

- Ans
- 1. QO-SP-UW
  - 2. QP-SO-VX
  - 3. QO-RP-UX
  - 4. QP-RO-UX

Question ID :	441009731929
Option 1 ID :	4410092881468
Option 2 ID :	4410092881471
Option 3 ID :	4410092881469
Option 4 ID :	4410092881470

**Q.8** What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged, and 'x' and '÷' are interchanged?

$$9 \div 4 + 45 \times 5 - 14 = ?$$

- Ans
- 1. 40
  - 2. 42
  - 3. 41
  - 4. 43

Question ID :	441009980412
Option 1 ID :	4410093874126
Option 2 ID :	4410093874128
Option 3 ID :	4410093874127
Option 4 ID :	4410093874129

Q.9 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

No hammers are screwdrivers.  
All screwdrivers are wrenches.  
Some wrenches are pliers.

**Conclusions:**

I: Some hammers are wrenches.  
II: Some screwdrivers are pliers.

Ans  1. Only conclusion (II) follows

2. Only conclusion (I) follows

3. Neither conclusion (I) nor (II) follows

4. Both conclusions (I) and (II) follow

Question ID : 441009801685

Option 1 ID : 4410093160850

Option 2 ID : 4410093160849

Option 3 ID : 4410093160851

Option 4 ID : 4410093160852

Q.1 In a certain code language,

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'A + B' means 'A is the mother of B',  
'A - B' means 'A is the brother of B',  
'A × B' means 'A is the wife of B',  
'A % B' means 'A is the father of B', and  
'A # B' means 'A is the daughter of B'.

How is L related to Q if 'L # P × G % V - N + Q'?

Ans  1. Mother's mother

2. Son's daughter

3. Mother's sister

4. Sister

Question ID : 441009803870

Option 1 ID : 4410093169606

Option 2 ID : 4410093169603

Option 3 ID : 4410093169605

Option 4 ID : 4410093169604

Q.1 What should come in place of the question mark (?) in the given series?

1

7 20 33 46 59 ?

Ans  1. 70

2. 71

3. 72

4. 73

Question ID : 4410091155587

Option 1 ID : 4410094557070

Option 2 ID : 4410094557071

Option 3 ID : 4410094557072

Option 4 ID : 4410094557073

Q.1 2	What should come in place of the question mark (?) in the given series based on the English alphabetical order?  SWE NRZ IMU DHP ?
Ans	<input type="checkbox"/> 1. YHV
	<input type="checkbox"/> 2. YKI
	<input checked="" type="checkbox"/> 3. YCK
	<input type="checkbox"/> 4. YVG

Question ID :	4410091155566
Option 1 ID :	4410094556988
Option 2 ID :	4410094556987
Option 3 ID :	4410094556986
Option 4 ID :	4410094556989

Q.1 3	What should come in place of the question mark (?) in the given series based on the English alphabetical order?  KIT HFQ ECN BZK ?
Ans	<input type="checkbox"/> 1. YWE
	<input checked="" type="checkbox"/> 2. YWH
	<input type="checkbox"/> 3. YHW
	<input type="checkbox"/> 4. YHE

Question ID :	4410091155558
Option 1 ID :	4410094556957
Option 2 ID :	4410094556954
Option 3 ID :	4410094556955
Option 4 ID :	4410094556956

Q.1 4	If + means -, - means x, x means ÷, and ÷ means +, then what will come in place of the question mark (?) in the following equation?  $10 - 143 \times 11 + 140 \div 22 = ?$
Ans	<input type="checkbox"/> 1. 10
	<input type="checkbox"/> 2. 13
	<input checked="" type="checkbox"/> 3. 12
	<input type="checkbox"/> 4. 8

Question ID :	441009980535
Option 1 ID :	4410093874619
Option 2 ID :	4410093874621
Option 3 ID :	4410093874620
Option 4 ID :	4410093874618

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Q.1 5 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

**Statement:**

In a recent survey on colours, 41% people preferred purple, 27% preferred yellow, 19% preferred orange, while 13% were neutral.

**Conclusions:**

- I. The total number of people who prefer yellow and orange is more than the number of people who prefer purple.  
II. Purple colour is better than yellow colour.

Ans  1. Both conclusions I and II follow.

2. Neither conclusion I nor II follows.

3. Only conclusion II follows.

4. Only conclusion I follows.

Question ID : 441009477689

Option 1 ID : 4410091866164

Option 2 ID : 4410091866163

Option 3 ID : 4410091866162

Option 4 ID : 4410091866161

Q.1 6 Each of Q, W, E, R, T, Y and U has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. No one has an exam after Q. Only three people have exams between W and U. Only one person has an exam between Q and W. R has an exam immediately before Y. T has an exam immediately before W. How many people have exams between E and R?

Ans  1. Three

2. Two

3. One

4. Four

Question ID : 441009981401

Option 1 ID : 4410093878072

Option 2 ID : 4410093878071

Option 3 ID : 4410093878070

Option 4 ID : 4410093878073

Q.1 7 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans  1. SYZ

2. KQR

3. MST

4. JGO

Question ID : 441009981182

Option 1 ID : 4410093877197

Option 2 ID : 4410093877195

Option 3 ID : 4410093877196

Option 4 ID : 4410093877194

Q.1 This question is based on the five, three-digit numbers given below.  
8 (Left) 237 561 154 873 276 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)  
(Note: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the third digit of the lowest number?

- Ans
- 1. 13
  - 2. 14
  - 3. 11
  - 4. 12

Question ID :	441009980971
Option 1 ID :	4410093876352
Option 2 ID :	4410093876353
Option 3 ID :	4410093876350
Option 4 ID :	4410093876351

Q.1 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the letter-cluster that does NOT belong to that group?  
9 (Note: The odd one out is not based on the number of consonants/vowels or their positions in the letter-cluster.)

- Ans
- 1. SWY
  - 2. GKN
  - 3. LPS
  - 4. QUX

Question ID :	441009981462
Option 1 ID :	4410093878314
Option 2 ID :	4410093878315
Option 3 ID :	4410093878316
Option 4 ID :	4410093878317

Q.2 Four branches of a school, S1, S2, S3 and S4, are located in a city. S1 is to the west of S2, and S4 is to the east of S3, which is to the south of S2. S4 is in which direction of S1?  
0

- Ans
- 1. Southeast
  - 2. Northeast
  - 3. Northwest
  - 4. Southwest

Question ID :	441009801661
Option 1 ID :	4410093160753
Option 2 ID :	4410093160756
Option 3 ID :	4410093160754
Option 4 ID :	4410093160755

Q.1	Who among the following players led the 28-member Indian athletics contingent at the Paris Olympics in July-August 2024?
Ans	<input checked="" type="checkbox"/> 1. Bajrang Punia
	<input checked="" type="checkbox"/> 2. PV Sindhu
	<input checked="" type="checkbox"/> 3. Mirabai Chanu
	<input checked="" type="checkbox"/> 4. Neeraj Chopra

Question ID :	441009992753
Option 1 ID :	4410093923143
Option 2 ID :	4410093923141
Option 3 ID :	4410093923142
Option 4 ID :	4410093923140

Q.2	Who among the following Chief Justices of India was elected as the Vice President of India in 1979?
Ans	<input checked="" type="checkbox"/> 1. Justice Sabyasachi Mukherjee
	<input checked="" type="checkbox"/> 2. Justice M Hidayatullah
	<input checked="" type="checkbox"/> 3. Justice Harilal Jekisundas Kania
	<input checked="" type="checkbox"/> 4. Justice K Subba Rao

Question ID :	441009973735
Option 1 ID :	4410093847984
Option 2 ID :	4410093847982
Option 3 ID :	4410093847981
Option 4 ID :	4410093847983

Q.3	As per the United Nations Children's Fund report, Ending Child Marriage: A profile of progress in India 2023, over half of the girls and women in India, who got married in their childhood, live in five states of India. Which of the following options has two of those five states?
Ans	<input checked="" type="checkbox"/> 1. Bihar and Chhattisgarh
	<input checked="" type="checkbox"/> 2. Uttar Pradesh and Haryana
	<input checked="" type="checkbox"/> 3. Maharashtra and Madhya Pradesh
	<input checked="" type="checkbox"/> 4. West Bengal and Mizoram

Question ID :	441009974944
Option 1 ID :	4410093852820
Option 2 ID :	4410093852817
Option 3 ID :	4410093852819
Option 4 ID :	4410093852818

Q.4	Mahatma Gandhi Antarashtriya Hindi Vishwavidalaya is located in _____.
Ans	<input checked="" type="checkbox"/> 1. Hyderabad
	<input checked="" type="checkbox"/> 2. New Delhi
	<input checked="" type="checkbox"/> 3. Tirupati
	<input checked="" type="checkbox"/> 4. Wardha

Question ID :	441009972214
Option 1 ID :	4410093841897
Option 2 ID :	4410093841898
Option 3 ID :	4410093841900
Option 4 ID :	4410093841899

Q.5	Karsandas Mulji, a social reformer in 19 <sup>th</sup> century India, is most associated with advocating for which of the following?
Ans	<input checked="" type="checkbox"/> 1. Widow remarriage <input type="checkbox"/> 2. Improved sanitation systems in Bombay <input type="checkbox"/> 3. Universal primary education <input type="checkbox"/> 4. Abolition of child labour

Question ID :	441009973041
Option 1 ID :	4410093845207
Option 2 ID :	4410093845208
Option 3 ID :	4410093845206
Option 4 ID :	4410093845205

Q.6	Where is the Central Institute of the Indian languages located?
Ans	<input checked="" type="checkbox"/> 1. Mysore <input type="checkbox"/> 2. New Delhi <input type="checkbox"/> 3. Amritsar <input type="checkbox"/> 4. Delhi

Question ID :	441009972519
Option 1 ID :	4410093843120
Option 2 ID :	4410093843117
Option 3 ID :	4410093843118
Option 4 ID :	4410093843119

Q.7	No ordinance shall be promulgated by the administrator of a Union territory, except after obtaining instructions from the _____.
Ans	<input type="checkbox"/> 1. Governor <input type="checkbox"/> 2. Armed Forces General <input checked="" type="checkbox"/> 3. President <input type="checkbox"/> 4. Chief Minister

Question ID :	441009973243
Option 1 ID :	4410093846016
Option 2 ID :	4410093846015
Option 3 ID :	4410093846013
Option 4 ID :	4410093846014

Q.8	Dantidurga, the founder of the Rashtrakuta dynasty was succeeded by his uncle _____ in 756 CE.
Ans	<input checked="" type="checkbox"/> 1. Krishna I <input type="checkbox"/> 2. Amoghavarsha III <input type="checkbox"/> 3. Amoghavarsha I <input type="checkbox"/> 4. Govinda II

Question ID :	441009973067
Option 1 ID :	4410093845310
Option 2 ID :	4410093845309
Option 3 ID :	4410093845311
Option 4 ID :	4410093845312

Q.9	Which medal did Aman Sehrawat win in the men's 57kg freestyle wrestling event at the Paris 2024 Olympics?
Ans	<input checked="" type="checkbox"/> 1. Silver
	<input checked="" type="checkbox"/> 2. No medal
	<input checked="" type="checkbox"/> 3. Bronze
	<input checked="" type="checkbox"/> 4. Gold

Question ID :	441009995185
Option 1 ID :	4410093932763
Option 2 ID :	4410093932765
Option 3 ID :	4410093932764
Option 4 ID :	4410093932762

Q.1	What does private final consumption expenditure (PFCE) represent in the calculation of GDP?
0	
Ans	<input checked="" type="checkbox"/> 1. The total value of goods and services consumed by households in an economy
	<input checked="" type="checkbox"/> 2. The total government spending on public infrastructure projects
	<input checked="" type="checkbox"/> 3. The total amount of money circulating in an economy at a given point in time
	<input checked="" type="checkbox"/> 4. The total value of exports minus imports in a country's economy

Question ID :	441009974343
Option 1 ID :	4410093850415
Option 2 ID :	4410093850413
Option 3 ID :	4410093850414
Option 4 ID :	4410093850416

Q.1	Gautamiputra Satakarni is considered the greatest of the ____ rulers.
1	
Ans	<input checked="" type="checkbox"/> 1. Satavahana
	<input checked="" type="checkbox"/> 2. Kakatiya
	<input checked="" type="checkbox"/> 3. Pallava
	<input checked="" type="checkbox"/> 4. Chola

Question ID :	441009972993
Option 1 ID :	4410093845015
Option 2 ID :	4410093845016
Option 3 ID :	4410093845014
Option 4 ID :	4410093845013

Q.1	Which of the following nutrients is present in raw potato?
2	
Ans	<input checked="" type="checkbox"/> 1. Fat
	<input checked="" type="checkbox"/> 2. Starch
	<input checked="" type="checkbox"/> 3. Vitamin
	<input checked="" type="checkbox"/> 4. Protein

Question ID :	4410091050734
Option 1 ID :	4410094152005
Option 2 ID :	4410094152006
Option 3 ID :	4410094152008
Option 4 ID :	4410094152007

Q.1 3	The Iron and Steel Industry requires which of the following raw materials for production?
Ans	<input checked="" type="checkbox"/> 1. Iron ore, coking coal and lime stone <input type="checkbox"/> 2. Iron ore and lime stone <input type="checkbox"/> 3. Iron ore, copper and lime stone <input type="checkbox"/> 4. Iron ore and coking coal

Question ID :	441009974426
Option 1 ID :	4410093850745
Option 2 ID :	4410093850747
Option 3 ID :	4410093850746
Option 4 ID :	4410093850748

Q.1 4	Who among the following shall be the ex officio Chairman of the Council of the States as per the Constitution of India?
Ans	<input type="checkbox"/> 1. President <input type="checkbox"/> 2. Lok Sabha Speaker <input type="checkbox"/> 3. Prime Minister <input checked="" type="checkbox"/> 4. Vice President

Question ID :	441009973750
Option 1 ID :	4410093848041
Option 2 ID :	4410093848044
Option 3 ID :	4410093848043
Option 4 ID :	4410093848042

Q.1 5	Which of the following cities was the venue for the SAFF Junior Athletics Championships 2024?
Ans	<input type="checkbox"/> 1. New Delhi <input checked="" type="checkbox"/> 2. Chennai <input type="checkbox"/> 3. Chandigarh <input type="checkbox"/> 4. Kochi

Question ID :	441009992537
Option 1 ID :	4410093922276
Option 2 ID :	4410093922278
Option 3 ID :	4410093922277
Option 4 ID :	4410093922279

Q.1 6	Select the correct formula of national income.
Ans	<input checked="" type="checkbox"/> 1. Household consumption + Government expenditure + Investment + Export - Import <input type="checkbox"/> 2. Household consumption + Government expenditure - Investment + Export - Import <input type="checkbox"/> 3. Household consumption + Government expenditure + Investment - Import - Export <input type="checkbox"/> 4. Household consumption + Government expenditure + Investment + Import - Export

Question ID :	441009974326
Option 1 ID :	4410093850345
Option 2 ID :	4410093850348
Option 3 ID :	4410093850347
Option 4 ID :	4410093850346

Q.1 7	The factor which influences the speed of a wave is the _____.
Ans	<input type="checkbox"/> 1. energy of wave
	<input type="checkbox"/> 2. amplitude of wave
	<input checked="" type="checkbox"/> 3. propagation medium
	<input type="checkbox"/> 4. frequency of wave

Question ID :	44100986406
Option 1 ID :	441009343317
Option 2 ID :	441009343318
Option 3 ID :	441009343319
Option 4 ID :	441009343320

Q.1 8	In 1965, which language was given the status of an 'associate additional official language' of the Union of India and of inter-provincial communication?
Ans	<input type="checkbox"/> 1. Urdu
	<input type="checkbox"/> 2. Sanskrit
	<input checked="" type="checkbox"/> 3. English
	<input type="checkbox"/> 4. Hindi

Question ID :	441009972520
Option 1 ID :	4410093843123
Option 2 ID :	4410093843124
Option 3 ID :	4410093843122
Option 4 ID :	4410093843121

Q.1 9	Which of the following states has an agricultural marketing channel known as Rythu Bazars?
Ans	<input type="checkbox"/> 1. Rajasthan
	<input type="checkbox"/> 2. Pune
	<input type="checkbox"/> 3. Tamil Nadu
	<input checked="" type="checkbox"/> 4. Andhra Pradesh

Question ID :	441009974353
Option 1 ID :	4410093850456
Option 2 ID :	4410093850454
Option 3 ID :	4410093850453
Option 4 ID :	4410093850455

Q.2 0	Which of the following rivers rises west of the Rohtang Pass in the Kullu hills of Himachal Pradesh and flows through the Chamba valley of the state?
Ans	<input checked="" type="checkbox"/> 1. Ravi
	<input type="checkbox"/> 2. Kosi
	<input type="checkbox"/> 3. Padma
	<input type="checkbox"/> 4. Bhagirathi

Question ID :	441009974958
Option 1 ID :	4410093852875
Option 2 ID :	4410093852876
Option 3 ID :	4410093852874
Option 4 ID :	4410093852873

Q.1	The simple interest (in ₹) on ₹2,900 at the rate of 5% per annum in 3 years is:
Ans	<input type="checkbox"/> 1. 385
	<input checked="" type="checkbox"/> 2. 435
	<input type="checkbox"/> 3. 485
	<input type="checkbox"/> 4. 535

Question ID :	441009852418
Option 1 ID :	4410093362647
Option 2 ID :	4410093362644
Option 3 ID :	4410093362645
Option 4 ID :	4410093362646

Q.2	The population of a town 3 years ago was 20,00,000. It increases at the rate of 3% per annum. One year ago, 500 people died due to an epidemic. What is the present population of the town?
Ans	<input checked="" type="checkbox"/> 1. 21,84,939
	<input type="checkbox"/> 2. 21,48,924
	<input type="checkbox"/> 3. 19,84,942
	<input type="checkbox"/> 4. 20,84,842

Question ID :	441009986377
Option 1 ID :	4410093897797
Option 2 ID :	4410093897800
Option 3 ID :	4410093897799
Option 4 ID :	4410093897798

Q.3	The population of a village was 1,70,000. If 4% of the population migrated to another town and 1% died due to an epidemic, then the present population of the village is:
Ans	<input type="checkbox"/> 1. 1,72,568
	<input checked="" type="checkbox"/> 2. 1,61,500
	<input type="checkbox"/> 3. 1,61,488
	<input type="checkbox"/> 4. 1,81,568

Question ID :	441009986376
Option 1 ID :	4410093897796
Option 2 ID :	4410093897794
Option 3 ID :	4410093897793
Option 4 ID :	4410093897795

Q.4	The simple interest (in ₹) on ₹2,900 at the rate of 6% per annum in 3 years is:
Ans	<input type="checkbox"/> 1. 572
	<input type="checkbox"/> 2. 472
	<input checked="" type="checkbox"/> 3. 522
	<input type="checkbox"/> 4. 622

Question ID :	441009852415
Option 1 ID :	4410093362633
Option 2 ID :	4410093362635
Option 3 ID :	4410093362632
Option 4 ID :	4410093362634

Q.5	The average price of three items of furniture is ₹17,835. If their prices are in the ratio 3 : 5 : 7, the price of the cheapest item (in ₹) is:
Ans	<input type="checkbox"/> 1. 3,567
	<input type="checkbox"/> 2. 5,945
	<input type="checkbox"/> 3. 8,323
	<input checked="" type="checkbox"/> 4. 10,701

Question ID :	441009910474
Option 1 ID :	4410093596148
Option 2 ID :	4410093596149
Option 3 ID :	4410093596150
Option 4 ID :	4410093596147

Q.6	The average price of three items of furniture is ₹17,805. If their prices are in the ratio 3 : 5 : 7, the price of the cheapest item (in ₹) is:
Ans	<input type="checkbox"/> 1. 5,935
	<input checked="" type="checkbox"/> 2. 10,683
	<input type="checkbox"/> 3. 3,561
	<input type="checkbox"/> 4. 8,309

Question ID :	441009910476
Option 1 ID :	4410093596157
Option 2 ID :	4410093596155
Option 3 ID :	4410093596156
Option 4 ID :	4410093596158

Q.7	Three years back, the population of a village was 20,00,000. It decreased by 4% in the first year, but increased by 5% during the next year. Finally, it increased by 10% in the third year. Find the total increase in the population presently (at the end of three years).
Ans	<input checked="" type="checkbox"/> 1. 2,17,600
	<input type="checkbox"/> 2. 2,21,600
	<input type="checkbox"/> 3. 2,15,700
	<input type="checkbox"/> 4. 2,17,800

Question ID :	441009986375
Option 1 ID :	4410093897789
Option 2 ID :	4410093897791
Option 3 ID :	4410093897792
Option 4 ID :	4410093897790

Q.8	An open container closed from the bottom and made up of a metal sheet is in the form of a frustum of a cone of height 12 cm with radii of its lower and upper ends as 6 cm and 15 cm, respectively. Find the cost (in ₹) of metal used if it costs ₹100 per cm <sup>2</sup> . (Use $\pi = 3.14$ )
Ans	<input checked="" type="checkbox"/> 1. ₹1,10,214
	<input type="checkbox"/> 2. ₹1,69,560
	<input type="checkbox"/> 3. ₹98,910
	<input type="checkbox"/> 4. ₹1,80,864

Question ID :	441009620849
Option 1 ID :	4410092437530
Option 2 ID :	4410092437529
Option 3 ID :	4410092437531
Option 4 ID :	4410092437528

Q.9	If the listed price of a bag is 94% more than its cost price and a discount of 73% is announced on it, find the loss percentage.
Ans	<input checked="" type="checkbox"/> 1. 47.62% <input type="checkbox"/> 2. 48.37% <input type="checkbox"/> 3. 44.41% <input type="checkbox"/> 4. 49.61%

Question ID :	441009893827
Option 1 ID :	4410093529378
Option 2 ID :	4410093529379
Option 3 ID :	4410093529380
Option 4 ID :	4410093529381

Q.1	Kiran starts business with ₹50,000 and after 7 months, Zarina joins with Kiran as her partner.
0	After a year, the profit is divided in the ratio 3 : 2. What is Zarina's contribution in the capital? 5979
Ans	<input type="checkbox"/> 1. ₹80,670 <input checked="" type="checkbox"/> 2. ₹80,000 <input type="checkbox"/> 3. ₹78,245 <input type="checkbox"/> 4. ₹80,875

Question ID :	441009899292
Option 1 ID :	4410093551241
Option 2 ID :	4410093551238
Option 3 ID :	4410093551240
Option 4 ID :	4410093551239

Q.1	There is 60% increase in an amount in 6 years at simple interest. What will be the compound
1	interest (in ₹) on ₹12,00,000 after 3 years at the same rate?
Ans	<input type="checkbox"/> 1. 3,87,200 <input type="checkbox"/> 2. 3,96,254 <input type="checkbox"/> 3. 2,97,200 <input checked="" type="checkbox"/> 4. 3,97,200

Question ID :	441009986383
Option 1 ID :	4410093897821
Option 2 ID :	4410093897824
Option 3 ID :	4410093897823
Option 4 ID :	4410093897822

Q.1	X sells a laptop to Y at a loss of 28% and Y sells the laptop to Z at a profit of 40%. If Z
2	purchased the laptop for ₹3,906, then what was the cost price (in ₹) of the laptop for X?2539
Ans	<input checked="" type="checkbox"/> 1. 3875 <input type="checkbox"/> 2. 3961 <input type="checkbox"/> 3. 3800 <input type="checkbox"/> 4. 3953

Question ID :	441009566113
Option 1 ID :	4410092219572
Option 2 ID :	4410092219575
Option 3 ID :	4410092219573
Option 4 ID :	4410092219574

Q.1 3	A sum of money is to be distributed among X, Y, Z, W in the proportion of 5 : 2 : 4 : 3. If Z gets ₹2,00,000 more than W, then X's share (in ₹) is:
Ans	<input checked="" type="checkbox"/> 1. 10,00,000 <input type="checkbox"/> 2. 7,84,000 <input type="checkbox"/> 3. 11,65,000 <input type="checkbox"/> 4. 9,50,800

Question ID :	441009986347
Option 1 ID :	4410093897677
Option 2 ID :	4410093897679
Option 3 ID :	4410093897680
Option 4 ID :	4410093897678

Q.1 4	The simple interest (in ₹) on ₹2,900 at the rate of 5% per annum in 4 years is:
Ans	<input type="checkbox"/> 1. 630 <input checked="" type="checkbox"/> 2. 580 <input type="checkbox"/> 3. 530 <input type="checkbox"/> 4. 680

Question ID :	441009852417
Option 1 ID :	4410093362641
Option 2 ID :	4410093362640
Option 3 ID :	4410093362643
Option 4 ID :	4410093362642

Q.1 5	The average of 14 numbers is 94. If the first 7 numbers are 31, 33, 44, 87, 106, 70 and 14, then what will be the average of the remaining numbers?
Ans	<input checked="" type="checkbox"/> 1. 133 <input type="checkbox"/> 2. 139 <input type="checkbox"/> 3. 136 <input type="checkbox"/> 4. 129

Question ID :	441009894893
Option 1 ID :	4410093533642
Option 2 ID :	4410093533645
Option 3 ID :	4410093533643
Option 4 ID :	4410093533644

Q.1 6	The volume (in m <sup>3</sup> ) of a cuboidal tank, whose dimensions are given as 35 m × 30 m × 2 m, is:
Ans	<input type="checkbox"/> 1. 2053 <input type="checkbox"/> 2. 2121 <input checked="" type="checkbox"/> 3. 2100 <input type="checkbox"/> 4. 2088

Question ID :	441009594018
Option 1 ID :	4410092331192
Option 2 ID :	4410092331190
Option 3 ID :	4410092331189
Option 4 ID :	4410092331191

Q.1 7	Shama invested three-fifth of a sum of ₹25,00,000 in a recurring deposit with a compound interest at the rate of 12% per annum compounded annually for 2 years, and the rest at simple interest for the same rate and time period. What will be the difference in the interest (in ₹) incurred on the two amounts?
Ans	<input type="checkbox"/> 1. 1,51,750
	<input type="checkbox"/> 2. 2,41,700
	<input checked="" type="checkbox"/> 3. 1,41,600
	<input type="checkbox"/> 4. 1,31,610

Question ID :	441009986382
Option 1 ID :	4410093897820
Option 2 ID :	4410093897819
Option 3 ID :	4410093897818
Option 4 ID :	4410093897817

Q.1 8	The simple interest (in ₹) on ₹2,900 at the rate of 7% per annum in 2 years is:
Ans	<input type="checkbox"/> 1. 506
	<input type="checkbox"/> 2. 356
	<input type="checkbox"/> 3. 456
	<input checked="" type="checkbox"/> 4. 406

Question ID :	441009852413
Option 1 ID :	4410093362626
Option 2 ID :	4410093362627
Option 3 ID :	4410093362625
Option 4 ID :	4410093362624

Q.1 9	Kiran spends 60% of his income. If he saves ₹96,000, then his income (in ₹) is:
Ans	<input type="checkbox"/> 1. 2,41,000
	<input type="checkbox"/> 2. 2,39,000
	<input checked="" type="checkbox"/> 3. 2,40,000
	<input type="checkbox"/> 4. 57,600

Question ID :	441009854281
Option 1 ID :	4410093370099
Option 2 ID :	4410093370098
Option 3 ID :	4410093370096
Option 4 ID :	4410093370097

Q.2 0	A cricketer has an average of 54 runs over 8 innings. In the 9 <sup>th</sup> inning, he scores 267 runs. By how much does his average (in runs) increase? (Round off your answer to the nearest whole number)
Ans	<input type="checkbox"/> 1. 21
	<input type="checkbox"/> 2. 20
	<input type="checkbox"/> 3. 23
	<input checked="" type="checkbox"/> 4. 24

Question ID :	441009894892
Option 1 ID :	4410093533640
Option 2 ID :	4410093533639
Option 3 ID :	4410093533641
Option 4 ID :	4410093533638

Section : Test of English Language and Comprehension

**Q.1** Select the most appropriate ANTONYM of the highlighted word in the given sentence.

Her **ostentatious** display of wealth was off-putting to many.

- Ans
- 1. Extravagant
  - 2. Flamboyant
  - 3. Restrained
  - 4. Pretentious

Question ID : 4410091052720

Option 1 ID : 4410094159952

Option 2 ID : 4410094159949

Option 3 ID : 4410094159951

Option 4 ID : 4410094159950

**Q.2** Select the most appropriate option that best fits the given description.

Writers frequently use subtle clues within their narratives to prepare readers for upcoming events. These hints, woven carefully into the story, create anticipation and suspense. Recognizing this literary technique helps readers understand how authors foreshadow significant moments that will unfold later in the plot.

- Ans
- 1. Foreshadowing
  - 2. Synecdoche
  - 3. Metaphor
  - 4. Flashback

Question ID : 441009109077

Option 1 ID : 441009434128

Option 2 ID : 441009434129

Option 3 ID : 441009434127

Option 4 ID : 441009434126

**Q.3** Select the most appropriate option to fill in the blank.

Tara is \_\_\_\_\_ her friend Priya.

- Ans
- 1. elder from
  - 2. elder to
  - 3. oldest than
  - 4. older than

Question ID : 4410091006104

Option 1 ID : 4410093976017

Option 2 ID : 4410093976015

Option 3 ID : 4410093976018

Option 4 ID : 4410093976016

Q.4	Select the most appropriate option to fill in the blank. _____ five candidates were selected for the final round of interviews.
Ans	<input checked="" type="checkbox"/> 1. As more as
	<input checked="" type="checkbox"/> 2. As most as
	<input checked="" type="checkbox"/> 3. As much as
	<input checked="" type="checkbox"/> 4. As many as

Question ID :	4410091006101
Option 1 ID :	4410093976005
Option 2 ID :	4410093976006
Option 3 ID :	4410093976004
Option 4 ID :	4410093976003

Q.5	Select the most appropriate meaning of the given idiom. By the skin of your teeth
Ans	<input checked="" type="checkbox"/> 1. Run swiftly
	<input checked="" type="checkbox"/> 2. Escape narrowly
	<input checked="" type="checkbox"/> 3. Speak confidently
	<input checked="" type="checkbox"/> 4. Walk quickly

Question ID :	4410091052257
Option 1 ID :	4410094158100
Option 2 ID :	4410094158097
Option 3 ID :	4410094158098
Option 4 ID :	4410094158099

Q.6	Select the most appropriate option to fill in the blanks. If no article is required, select the option with 'No article required'. She is an advocate for ___ rights of ___ women in rural areas.
Ans	<input checked="" type="checkbox"/> 1. the ; No article required
	<input checked="" type="checkbox"/> 2. No article required ; a
	<input checked="" type="checkbox"/> 3. a ; No article required
	<input checked="" type="checkbox"/> 4. the ; a

Question ID :	4410091006422
Option 1 ID :	4410093977289
Option 2 ID :	4410093977290
Option 3 ID :	4410093977288
Option 4 ID :	4410093977287

Q.7	Select the INCORRECTLY spelt word.
Ans	<input checked="" type="checkbox"/> 1. Consensus
	<input checked="" type="checkbox"/> 2. Millennium
	<input checked="" type="checkbox"/> 3. Occurrence
	<input checked="" type="checkbox"/> 4. Questionaire

Question ID :	4410091052871
Option 1 ID :	4410094160553
Option 2 ID :	4410094160555
Option 3 ID :	4410094160556
Option 4 ID :	4410094160554

Q.8 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A) There was a notable improvement in patient outcomes as a result.
- B) Doctors implemented a new treatment protocol based on recent clinical trials.
- C) This protocol introduced a combination of drugs previously untested together.
- D) The trials indicated a higher efficacy rate than the traditional treatment methods.

Ans  1. B, D, C, A

2. A, C, B, D

3. D, B, A, C

4. C, A, D, B

Question ID : 441009366759

Option 1 ID : 4410091433200

Option 2 ID : 4410091433198

Option 3 ID : 4410091433201

Option 4 ID : 4410091433199

Q.9 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A) The market has shown a favourable response to this innovative approach.
- B) Initially, the product did not meet the expected sales targets.
- C) As a result, the marketing strategy was completely revamped.
- D) This included introducing more aggressive advertising and new packaging.

Ans  1. B, C, D, A

2. A, B, D, C

3. C, A, B, D

4. D, B, A, C

Question ID : 441009366761

Option 1 ID : 4410091433209

Option 2 ID : 4410091433208

Option 3 ID : 4410091433207

Option 4 ID : 4410091433206

Q.1 Select the most appropriate meaning of the underlined proverb.

0

The teacher responded to the disruptive chatter saying that empty vessels make the most sound.

Ans  1. Vessels make a loud noise when they are not filled.

2. Quiet people are much wiser in quieter environments.

3. People with less substance or knowledge often speak the loudest..

4. Noise can be really distracting for any kind of work.

Question ID : 441009417229

Option 1 ID : 4410091634306

Option 2 ID : 4410091634307

Option 3 ID : 4410091634308

Option 4 ID : 4410091634309

Q.1 1	Select the most appropriate option to fill in the blanks. I found _____ interesting article on language in _____ Times of India.
Ans	<input type="checkbox"/> 1. the, a
	<input type="checkbox"/> 2. a, the
	<input type="checkbox"/> 3. no article, the
	<input checked="" type="checkbox"/> 4. an, the

Question ID :	4410091006416
Option 1 ID :	4410093977265
Option 2 ID :	4410093977263
Option 3 ID :	4410093977266
Option 4 ID :	4410093977264

Q.1 2	Select the most appropriate ANTONYM of the highlighted word in the given sentence. After the long journey, he felt lethargic and unwilling to do anything.
Ans	<input type="checkbox"/> 1. Listless
	<input type="checkbox"/> 2. Torpid
	<input checked="" type="checkbox"/> 3. Energetic
	<input type="checkbox"/> 4. Sluggish

Question ID :	4410091052715
Option 1 ID :	4410094159930
Option 2 ID :	4410094159931
Option 3 ID :	4410094159932
Option 4 ID :	4410094159929

Q.1 3	Select the most appropriate option to fill in the blank. Out of all the contestants, she was the _____ to finish the race.
Ans	<input type="checkbox"/> 1. more fast
	<input type="checkbox"/> 2. most fast
	<input checked="" type="checkbox"/> 3. fastest
	<input type="checkbox"/> 4. faster

Question ID :	4410091006035
Option 1 ID :	4410093975741
Option 2 ID :	4410093975742
Option 3 ID :	4410093975740
Option 4 ID :	4410093975739

Telegram - @TeachingExam

Q.1 4	Select the option which has nearly the same meaning as the underlined phrase in the sentence.  The police officer reminded the crowd that he could only act within the <u>limits or territory within which authority may be exercised</u> . Beyond that, another agency had to be called in to handle the situation.
Ans	<input type="checkbox"/> 1. Sovereignty
	<input type="checkbox"/> 2. Tombstone
	<input checked="" type="checkbox"/> 3. Jurisdiction
	<input type="checkbox"/> 4. Epitaph

Question ID :	441009109312
Option 1 ID :	441009434971
Option 2 ID :	441009434969
Option 3 ID :	441009434970
Option 4 ID :	441009434972

Q.1 5	Select the INCORRECTLY spelt word.
Ans	<input type="checkbox"/> 1. Occurrence
	<input type="checkbox"/> 2. Appearance
	<input checked="" type="checkbox"/> 3. Committment
	<input type="checkbox"/> 4. Conclusion

Question ID :	4410091053571
Option 1 ID :	4410094163353
Option 2 ID :	4410094163354
Option 3 ID :	4410094163355
Option 4 ID :	4410094163356

Telegram - @TeachingExam

**Comprehension:**

Read the given passage and answer the questions that follow.

Technology has revolutionised education, transforming traditional classrooms and creating new opportunities for learning. The integration of digital tools and resources has enhanced the educational experience for both, students and teachers. Interactive whiteboards, tablets and educational software have replaced chalkboards and textbooks, making lessons more engaging and interactive. Students can access a wealth of information online, enabling them to conduct research and explore subjects in greater depth.

One of the most significant impacts of technology on education is the ability to personalise learning. Adaptive learning software can assess a student's strengths and weaknesses and provide customised lessons that cater to their individual needs. This personalised approach helps students learn at their own pace, ensuring they grasp fundamental concepts before moving on to more advanced topics. Additionally, online courses and educational platforms have made learning more accessible to people worldwide. Students can take classes from prestigious institutions, participate in webinars and earn certifications without leaving their homes.

Technology has also facilitated collaboration among students and teachers. Online discussion forums, video conferencing and collaborative tools like Google Docs allow students to work together on projects and assignments, regardless of their physical location. This fosters a sense of community and enhances communication skills. For teachers, technology offers tools for creating engaging lesson plans, tracking student progress and providing timely feedback. Data analytics can help identify areas where students struggle, allowing for targeted interventions.

However, the integration of technology in education also presents challenges. There is a digital divide between students who have access to technology and those who do not. Ensuring equitable access to devices and the internet is crucial for bridging this gap. Additionally, teachers need adequate training to effectively incorporate technology into their teaching practices.

In conclusion, technology has significantly impacted education, offering numerous benefits but also presenting challenges that need to be addressed. By leveraging technology effectively, we can create a more inclusive and dynamic learning environment.

**SubQuestion No : 16****Q.1** What has technology replaced in traditional classrooms to make lessons more engaging?  
**6**

- Ans**
- 1. School
  - 2. Playground
  - 3. Textbooks
  - 4. Teachers

Question ID : 4410091062119

Option 1 ID : 4410094196821

Option 2 ID : 4410094196820

Option 3 ID : 4410094196819

Option 4 ID : 4410094196818

**Comprehension:**

Read the given passage and answer the questions that follow.

Technology has revolutionised education, transforming traditional classrooms and creating new opportunities for learning. The integration of digital tools and resources has enhanced the educational experience for both, students and teachers. Interactive whiteboards, tablets and educational software have replaced chalkboards and textbooks, making lessons more engaging and interactive. Students can access a wealth of information online, enabling them to conduct research and explore subjects in greater depth.

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**SubQuestion No : 17****Q.1** How does adaptive learning software benefit students?

7

**Ans**  1. It eliminates homework. 2. It reduces education cost. 3. It gives personalised training. 4. It replaces teachers.

Question ID : 4410091062120

Option 1 ID : 4410094196825

Option 2 ID : 4410094196824

Option 3 ID : 4410094196822

Option 4 ID : 4410094196823

**Comprehension:**

Read the given passage and answer the questions that follow.

Technology has revolutionised education, transforming traditional classrooms and creating new opportunities for learning. The integration of digital tools and resources has enhanced the educational experience for both, students and teachers. Interactive whiteboards, tablets and educational software have replaced chalkboards and textbooks, making lessons more engaging and interactive. Students can access a wealth of information online, enabling them to conduct research and explore subjects in greater depth.

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However, the integration of technology in education also presents challenges. There is a digital divide between students who have access to technology and those who do not. Ensuring equitable access to devices and the internet is crucial for bridging this gap. Additionally, teachers need adequate training to effectively incorporate technology into their teaching practices.

In conclusion, technology has significantly impacted education, offering numerous benefits but also presenting challenges that need to be addressed. By leveraging technology effectively, we can create a more inclusive and dynamic learning environment.

**SubQuestion No : 18**

**Q.1** Select the most appropriate title for the given passage.  
**8**

**Ans**  1. Personalised Learning vs. Traditional Classrooms

2. Modern Tools for Teachers

3. The Digital Divide and Its Consequences

4. The Role of Technology in Transforming Education

Question ID : 4410091062121

Option 1 ID : 4410094196828

Option 2 ID : 4410094196826

Option 3 ID : 4410094196827

Option 4 ID : 4410094196829

**Comprehension:**

Read the given passage and answer the questions that follow.

Technology has revolutionised education, transforming traditional classrooms and creating new opportunities for learning. The integration of digital tools and resources has enhanced the educational experience for both, students and teachers. Interactive whiteboards, tablets and educational software have replaced chalkboards and textbooks, making lessons more engaging and interactive. Students can access a wealth of information online, enabling them to conduct research and explore subjects in greater depth.

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However, the integration of technology in education also presents challenges. There is a digital divide between students who have access to technology and those who do not. Ensuring equitable access to devices and the internet is crucial for bridging this gap. Additionally, teachers need adequate training to effectively incorporate technology into their teaching practices.

In conclusion, technology has significantly impacted education, offering numerous benefits but also presenting challenges that need to be addressed. By leveraging technology effectively, we can create a more inclusive and dynamic learning environment.

**SubQuestion No : 19**

**Q.1** What do you understand by inclusive and dynamic learning environment?

9

- Ans**
- 1. Not considering diversity and maximum participation
  - 2. Considering diversity and minimum participation
  - 3. Considering diversity and maximum participation
  - 4. Not considering diversity and minimum participation

Question ID : 4410091062122

Option 1 ID : 4410094196832

Option 2 ID : 4410094196831

Option 3 ID : 4410094196830

Option 4 ID : 4410094196833

**Comprehension:**

Read the given passage and answer the questions that follow.

Technology has revolutionised education, transforming traditional classrooms and creating new opportunities for learning. The integration of digital tools and resources has enhanced the educational experience for both, students and teachers. Interactive whiteboards, tablets and educational software have replaced chalkboards and textbooks, making lessons more engaging and interactive. Students can access a wealth of information online, enabling them to conduct research and explore subjects in greater depth.

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However, the integration of technology in education also presents challenges. There is a digital divide between students who have access to technology and those who do not. Ensuring equitable access to devices and the internet is crucial for bridging this gap. Additionally, teachers need adequate training to effectively incorporate technology into their teaching practices.

In conclusion, technology has significantly impacted education, offering numerous benefits but also presenting challenges that need to be addressed. By leveraging technology effectively, we can create a more inclusive and dynamic learning environment.

**SubQuestion No : 20**

Q.2 Which of the following can be inferred from the passage?  
0

- Ans
- 1. The use of technology reduces the need for communication.
  - 2. Adaptive software allows students to progress at their own pace.
  - 3. Technology has eliminated all educational inequalities.
  - 4. Students today prefer textbooks over online resources.

Question ID : 4410091062123

Option 1 ID : 4410094196837

Option 2 ID : 4410094196836

Option 3 ID : 4410094196834

Option 4 ID : 4410094196835

**Section : Test of Hindi Language and Comprehension**

Q.1 निम्नलिखित वाक्य का सही क्रम क्या होगा ?

- Ans
- 1. ने मुझसे नारायणदास कहा था ।
  - 2. मुझसे नारायणदास ने कहा था ।
  - 3. मुझसे ने नारायणदास कहा था ।
  - 4. नारायणदास मुझसे ने कहा था ।

Question ID : 4410091051577

Option 1 ID : 4410094155377

Option 2 ID : 4410094155378

Option 3 ID : 4410094155380

Option 4 ID : 4410094155379

Q.2	निम्नलिखित वाक्य कारक के आधार पर पूर्ण कीजिए। बच्चों _____ शिक्षा एवं उनकी बेहतरी _____ अनेक नीतियां बनाई जानी चाहिए।
Ans	<input checked="" type="checkbox"/> 1. में, के, से
	<input checked="" type="checkbox"/> 2. को, के, के
	<input checked="" type="checkbox"/> 3. के, में, में
	<input checked="" type="checkbox"/> 4. की, के लिए

Question ID :	4410091004751
Option 1 ID :	4410093970587
Option 2 ID :	4410093970589
Option 3 ID :	4410093970590
Option 4 ID :	4410093970588

Q.3	निम्नलिखित वाक्यांश के लिए सही सार्थक शब्द अंकित कीजिए। जिसका दमन करना कठिन हो 649
Ans	<input checked="" type="checkbox"/> 1. दर्दयनीय
	<input checked="" type="checkbox"/> 2. दुर्दमनीय
	<input checked="" type="checkbox"/> 3. गोपनीय
	<input checked="" type="checkbox"/> 4. गमनीय

Question ID :	4410091051483
Option 1 ID :	4410094155004
Option 2 ID :	4410094155002
Option 3 ID :	4410094155001
Option 4 ID :	4410094155003

Q.4	रेखांकित शब्द का सही पर्याय अंकित कीजिए। ईश्वर से यही प्रार्थना है कि सभी का जीवन खुशियों से भरा रहे। 991
Ans	<input checked="" type="checkbox"/> 1. अनुनय
	<input checked="" type="checkbox"/> 2. अनुगामी
	<input checked="" type="checkbox"/> 3. अनुयायी
	<input checked="" type="checkbox"/> 4. अनुरक्ति

Question ID :	4410091055537
Option 1 ID :	4410094171157
Option 2 ID :	4410094171159
Option 3 ID :	4410094171158
Option 4 ID :	4410094171160

Q.5	निम्नलिखित वाक्य कारक के आधार पर पूर्ण कीजिए। बढ़ती आबादी _____ नदियों का जलस्तर घट गया है।
Ans	<input checked="" type="checkbox"/> 1. का
	<input checked="" type="checkbox"/> 2. के लिए
	<input checked="" type="checkbox"/> 3. से
	<input checked="" type="checkbox"/> 4. पर

Question ID :	4410091004761
Option 1 ID :	4410093970629
Option 2 ID :	4410093970630
Option 3 ID :	4410093970627
Option 4 ID :	4410093970628

Q.6	पूजा के लोचन सुन्दर हैं। वाक्य का रेखांकित शब्द किसका पर्याय है ?60
Ans	<input checked="" type="checkbox"/> 1. पैर
	<input checked="" type="checkbox"/> 2. हाथ
	<input checked="" type="checkbox"/> 3. कान
	<input checked="" type="checkbox"/> 4. नेत्र

Question ID :	4410091057945
Option 1 ID :	4410094180792
Option 2 ID :	4410094180791
Option 3 ID :	4410094180789
Option 4 ID :	4410094180790

Q.7	निम्नलिखित वाक्य कारक के आधार पर पूर्ण कीजिए। हम रागरंग और पाश्चात्य फैशन परस्ती _____ अपने गौरवपूर्ण अतीत को भूल गए।
Ans	<input checked="" type="checkbox"/> 1. से
	<input checked="" type="checkbox"/> 2. में
	<input checked="" type="checkbox"/> 3. पर
	<input checked="" type="checkbox"/> 4. का

Question ID :	4410091004746
Option 1 ID :	4410093970567
Option 2 ID :	4410093970570
Option 3 ID :	4410093970568
Option 4 ID :	4410093970569

Q.8	निम्नलिखित वाक्य कारक के आधार पर पूर्ण कीजिए। हमारे कुछ पर्व ऐसे भी है जिन्हें राष्ट्रीय पर्व _____ संज्ञा दी जाती है।
Ans	<input checked="" type="checkbox"/> 1. की
	<input checked="" type="checkbox"/> 2. में
	<input checked="" type="checkbox"/> 3. से
	<input checked="" type="checkbox"/> 4. को

Question ID :	4410091004750
Option 1 ID :	4410093970584
Option 2 ID :	4410093970585
Option 3 ID :	4410093970583
Option 4 ID :	4410093970586

Q.9	'एक टकसाल के ढले हैं' लोकोक्ति का सही अर्थ क्या है ?163
Ans	<input checked="" type="checkbox"/> 1. आदमी नहीं सिक्के हैं .
	<input checked="" type="checkbox"/> 2. एक सिक्के के दो पहलू
	<input checked="" type="checkbox"/> 3. सब एक जैसे हैं .
	<input checked="" type="checkbox"/> 4. जहाँ सिक्के ढाले जाते हैं

Question ID :	4410091054709
Option 1 ID :	4410094167848
Option 2 ID :	4410094167845
Option 3 ID :	4410094167846
Option 4 ID :	4410094167847

Q.1 0	'कम बोलने वाला' वाक्यांश के लिए सार्थक शब्द कौन सा है ?
Ans	<input checked="" type="checkbox"/> 1. अभाषी
	<input checked="" type="checkbox"/> 2. मूक
	<input checked="" type="checkbox"/> 3. बहुभाषी
	<input checked="" type="checkbox"/> 4. मितभाषी

Question ID :	4410091051573
Option 1 ID :	4410094155362
Option 2 ID :	4410094155364
Option 3 ID :	4410094155361
Option 4 ID :	4410094155363

Q.1 1	निम्नलिखित वाक्य कारक के आधार पर पूर्ण कीजिए। सुभाष चंद्र बोस ने अपने महानतम व्यक्तित्व से सम्पूर्ण विश्व _____ आश्चर्यचकित कर दिया।
Ans	<input checked="" type="checkbox"/> 1. कि
	<input checked="" type="checkbox"/> 2. की
	<input checked="" type="checkbox"/> 3. को
	<input checked="" type="checkbox"/> 4. के

Question ID :	4410091004748
Option 1 ID :	4410093970577
Option 2 ID :	4410093970575
Option 3 ID :	4410093970578
Option 4 ID :	4410093970576

Q.1 2	वाक्य के किस भाग में त्रुटि है - कबीर में जीवन के दंदात्मकता पक्ष को समझ लेने की अद्भुत क्षमता थी। <sup>1252</sup>
Ans	<input checked="" type="checkbox"/> 1. की अद्भुत क्षमता थी
	<input checked="" type="checkbox"/> 2. जीवन के दंदात्मकता
	<input checked="" type="checkbox"/> 3. पक्ष को समझ लेने
	<input checked="" type="checkbox"/> 4. कबीर में

Question ID :	4410091058037
Option 1 ID :	4410094181160
Option 2 ID :	4410094181158
Option 3 ID :	4410094181159
Option 4 ID :	4410094181157

Q.1 3	'कान देना' मुहावरे का सही अर्थ है-92
Ans	<input checked="" type="checkbox"/> 1. कान से कम सुनना
	<input checked="" type="checkbox"/> 2. बेध्यानी में रहना
	<input checked="" type="checkbox"/> 3. कान लगाना
	<input checked="" type="checkbox"/> 4. ध्यान देना

Question ID :	4410091054638
Option 1 ID :	4410094167563
Option 2 ID :	4410094167564
Option 3 ID :	4410094167562
Option 4 ID :	4410094167561

Q.1 4	वर्तनी की दृष्टि से दिए गए वाक्य के किस अंश में त्रुटि है, पहचानें-- भारत में गुरुओं के प्रति समाज का दृष्टिकोण हमेशा श्रद्धय रहा है।1152
Ans	<input checked="" type="checkbox"/> 1. के प्रति समाज का
	<input checked="" type="checkbox"/> 2. श्रद्धय रहा है।
	<input checked="" type="checkbox"/> 3. दृष्टिकोण हमेशा
	<input checked="" type="checkbox"/> 4. भारत में गुरुओं

Question ID :	4410091057937
Option 1 ID :	4410094180758
Option 2 ID :	4410094180760
Option 3 ID :	4410094180759
Option 4 ID :	4410094180757

Q.1 5	निम्नलिखित विकल्पों में सही वाक्य क्रम अंकित कीजिए।
Ans	<input checked="" type="checkbox"/> 1. कड़ी मेहनत करता नजर आता था, जो किसान पहले कृषि के लिए बैलों पर आश्रित था वह अपने खेतों को भरी धूप में जोतता।
	<input checked="" type="checkbox"/> 2. बैलों पर आश्रित था वह जो किसान पहले कृषि के लिए अपने खेतों को भरी धूप में जोतता, कड़ी मेहनत करता नजर आता था।
	<input checked="" type="checkbox"/> 3. जो किसान पहले कृषि के लिए बैलों पर आश्रित था, कड़ी मेहनत करता नजर आता वह अपने खेतों को भरी धूप में था जोतता।
	<input checked="" type="checkbox"/> 4. जो किसान पहले कृषि के लिए बैलों पर आश्रित था वह अपने खेतों को भरी धूप में जोतता, कड़ी मेहनत करता नजर आता था।

Question ID :	4410091051492
Option 1 ID :	4410094155039
Option 2 ID :	4410094155038
Option 3 ID :	4410094155040
Option 4 ID :	4410094155037

### Comprehension:

गद्यांश के अनुसार दिए गए प्रश्नों का उत्तर दें -

साहित्योन्नति के साधनों में पुस्तकालयों का स्थान अत्यंत महत्वपूर्ण है। इनके द्वारा साहित्य के जीवन की रक्षा, पुष्टि और अभिवृद्धि होती है। पुस्तकालय सभ्यता के इतिहास का जीता-जागता गवाह है। इसी के बल पर वर्तमान भारत को अपने अतीत गौरव पर गर्व है। पुस्तकालय भारत के लिए कोई नई वस्तु नहीं है। लिपि के आविष्कार से आज तक लोग निरंतर पुस्तकों का संग्रह करते रहे हैं। पहले देवालय, विद्यालय और नृपालय इन संग्रहों के प्रमुख स्थान होते थे। इनके अतिरिक्त, विद्वज्जनों के अपने निजी पुस्तकालय भी होते थे। मुद्रणकला के आविष्कार से पूर्व पुस्तकों का संग्रह करना आजकल की तरह सरल बात न थी। आजकल साधारण स्थिति के पुस्तकालय में जितनी संपत्ति लगती है, उतनी उन दिनों कभी-कभी एक-एक पुस्तक की तैयारी में लग जाया करती थी। भारत के पुस्तकालय संसारभर में अपना सानी नहीं रखते थे। प्राचीनकाल से मुगल सम्राटों के समय तक यही स्थिति रही। चीन, फारस प्रभृति सुदूरस्थित देशों से झुंड-के-झुंड विद्यानुरागी लंबी यात्राएँ करके भारत आया करते थे।

### SubQuestion No : 16

Q.1 6	उपर्युक्त गद्यांश का सर्वाधिक उचित शीर्षक क्या होगा ?117
Ans	<input checked="" type="checkbox"/> 1. पुस्तकालय और भारत
	<input checked="" type="checkbox"/> 2. सभ्यता और संस्कृति
	<input checked="" type="checkbox"/> 3. साहित्य साधना
	<input checked="" type="checkbox"/> 4. पुस्तकालय का प्रयोग

Question ID :	4410091064988
Option 1 ID :	4410094206540
Option 2 ID :	4410094206541
Option 3 ID :	4410094206539
Option 4 ID :	4410094206542

**Comprehension:**

गद्यांश के अनुसार दिए गए प्रश्नों का उत्तर दें -

साहित्योन्नति के साधनों में पुस्तकालयों का स्थान अत्यंत महत्त्वपूर्ण है। इनके द्वारा साहित्य के जीवन की रक्षा, पुष्टि और अभिवृद्धि होती है। पुस्तकालय सभ्यता के इतिहास का जीता-जागता गवाह है। इसी के बल पर वर्तमान भारत को अपने अतीत गौरव पर गर्व है। पुस्तकालय भारत के लिए कोई नई वस्तु नहीं है। लिपि के आविष्कार से आज तक लोग निरंतर पुस्तकों का संग्रह करते रहे हैं। पहले देवालय, विद्यालय और नृपालय इन संग्रहों के प्रमुख स्थान होते थे। इनके अतिरिक्त, विद्वज्जनों के अपने निजी पुस्तकालय भी होते थे। मुद्रणकला के आविष्कार से पूर्व पुस्तकों का संग्रह करना आजकल की तरह सरल बात न थी। आजकल साधारण स्थिति के पुस्तकालय में जितनी संपत्ति लगती है, उतनी उन दिनों कभी-कभी एक-एक पुस्तक की तैयारी में लग जाया करती थी। भारत के पुस्तकालय संसारभर में अपना सानी नहीं रखते थे। प्राचीनकाल से मुगल सम्राटों के समय तक यही स्थिति रही। चीन, फारस प्रभृति सुदूरस्थित देशों से झुंड-के-झुंड विद्यानुरागी लंबी यात्राएँ करके भारत आया करते थे।

SubQuestion No : 17

Q.1 प्रस्तुत गद्यांश के अनुसार पुराने समय में अधिक व्यय क्यों होता था ? 118

7

Ans  1. अशिक्षा के कारण

2. यातायात के साधन न होने के कारण

3. मुद्रण की व्यवस्था न होने के कारण

4. साहित्य की अवनति के कारण

Question ID : 4410091064989

Option 1 ID : 4410094206545

Option 2 ID : 4410094206544

Option 3 ID : 4410094206543

Option 4 ID : 4410094206546

**Comprehension:**

गद्यांश के अनुसार दिए गए प्रश्नों का उत्तर दें -

साहित्योन्नति के साधनों में पुस्तकालयों का स्थान अत्यंत महत्त्वपूर्ण है। इनके द्वारा साहित्य के जीवन की रक्षा, पुष्टि और अभिवृद्धि होती है। पुस्तकालय सभ्यता के इतिहास का जीता-जागता गवाह है। इसी के बल पर वर्तमान भारत को अपने अतीत गौरव पर गर्व है। पुस्तकालय भारत के लिए कोई नई वस्तु नहीं है। लिपि के आविष्कार से आज तक लोग निरंतर पुस्तकों का संग्रह करते रहे हैं। पहले देवालय, विद्यालय और नृपालय इन संग्रहों के प्रमुख स्थान होते थे। इनके अतिरिक्त, विद्वज्जनों के अपने निजी पुस्तकालय भी होते थे। मुद्रणकला के आविष्कार से पूर्व पुस्तकों का संग्रह करना आजकल की तरह सरल बात न थी। आजकल साधारण स्थिति के पुस्तकालय में जितनी संपत्ति लगती है, उतनी उन दिनों कभी-कभी एक-एक पुस्तक की तैयारी में लग जाया करती थी। भारत के पुस्तकालय संसारभर में अपना सानी नहीं रखते थे। प्राचीनकाल से मुगल सम्राटों के समय तक यही स्थिति रही। चीन, फारस प्रभृति सुदूरस्थित देशों से झुंड-के-झुंड विद्यानुरागी लंबी यात्राएँ करके भारत आया करते थे।

SubQuestion No : 18

Q.1 'उन्नति' शब्द का विलोम है -119

8

Ans  1. निम्न

2. विकास

3. अवनति

4. उत्कर्ष

Question ID : 4410091064990

Option 1 ID : 4410094206548

Option 2 ID : 4410094206550

Option 3 ID : 4410094206547

Option 4 ID : 4410094206549

**Comprehension:**

गद्यांश के अनुसार दिए गए प्रश्नों का उत्तर दें -

साहित्योन्नति के साधनों में पुस्तकालयों का स्थान अत्यंत महत्त्वपूर्ण है। इनके द्वारा साहित्य के जीवन की रक्षा, पुष्टि और अभिवृद्धि होती है। पुस्तकालय सभ्यता के इतिहास का जीता-जागता गवाह है। इसी के बल पर वर्तमान भारत को अपने अतीत गौरव पर गर्व है। पुस्तकालय भारत के लिए कोई नई वस्तु नहीं है। लिपि के आविष्कार से आज तक लोग निरंतर पुस्तकों का संग्रह करते रहे हैं। पहले देवालय, विद्यालय और नृपालय इन संग्रहों के प्रमुख स्थान होते थे। इनके अतिरिक्त, विद्वज्जनों के अपने निजी पुस्तकालय भी होते थे। मुद्रणकला के आविष्कार से पूर्व पुस्तकों का संग्रह करना आजकल की तरह सरल बात न थी। आजकल साधारण स्थिति के पुस्तकालय में जितनी संपत्ति लगती है, उतनी उन दिनों कभी-कभी एक-एक पुस्तक की तैयारी में लग जाया करती थी। भारत के पुस्तकालय संसारभर में अपना सानी नहीं रखते थे। प्राचीनकाल से मुगल सम्राटों के समय तक यही स्थिति रही। चीन, फारस प्रभृति सुदूरस्थित देशों से झुंड-के-झुंड विद्यानुरागी लंबी यात्राएँ करके भारत आया करते थे।

**SubQuestion No : 19**

Q.1 साहित्य की उन्नति का सबसे महत्वपूर्ण साधन क्या है ? 120

9

Ans ✓ 1. पुस्तकालय

✗ 2. मुद्रा

✗ 3. समाज

✗ 4. प्रेस

Question ID : 4410091064991

Option 1 ID : 4410094206554

Option 2 ID : 4410094206551

Option 3 ID : 4410094206552

Option 4 ID : 4410094206553

**Comprehension:**

गद्यांश के अनुसार दिए गए प्रश्नों का उत्तर दें -

साहित्योन्नति के साधनों में पुस्तकालयों का स्थान अत्यंत महत्त्वपूर्ण है। इनके द्वारा साहित्य के जीवन की रक्षा, पुष्टि और अभिवृद्धि होती है। पुस्तकालय सभ्यता के इतिहास का जीता-जागता गवाह है। इसी के बल पर वर्तमान भारत को अपने अतीत गौरव पर गर्व है। पुस्तकालय भारत के लिए कोई नई वस्तु नहीं है। लिपि के आविष्कार से आज तक लोग निरंतर पुस्तकों का संग्रह करते रहे हैं। पहले देवालय, विद्यालय और नृपालय इन संग्रहों के प्रमुख स्थान होते थे। इनके अतिरिक्त, विद्वज्जनों के अपने निजी पुस्तकालय भी होते थे। मुद्रणकला के आविष्कार से पूर्व पुस्तकों का संग्रह करना आजकल की तरह सरल बात न थी। आजकल साधारण स्थिति के पुस्तकालय में जितनी संपत्ति लगती है, उतनी उन दिनों कभी-कभी एक-एक पुस्तक की तैयारी में लग जाया करती थी। भारत के पुस्तकालय संसारभर में अपना सानी नहीं रखते थे। प्राचीनकाल से मुगल सम्राटों के समय तक यही स्थिति रही। चीन, फारस प्रभृति सुदूरस्थित देशों से झुंड-के-झुंड विद्यानुरागी लंबी यात्राएँ करके भारत आया करते थे।

**SubQuestion No : 20**

Q.2 'आविष्कार' शब्द का पर्यायवाची है - 121

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Ans ✗ 1. चमत्कार

✓ 2. खोज

✗ 3. सोच

✗ 4. विज्ञान

Question ID : 4410091064992

Option 1 ID : 4410094206558

Option 2 ID : 4410094206556

Option 3 ID : 4410094206555

Option 4 ID : 4410094206557

<b>Q.1</b>	<b>What is observed when an iron nail is dipped in copper sulphate solution?</b>
<b>Ans</b>	<input type="checkbox"/> 1. No reaction takes place
	<input type="checkbox"/> 2. Gas is released
	<input type="checkbox"/> 3. Nail dissolves
	<input checked="" type="checkbox"/> 4. Solution turns green and brown coating appears on nail

Question ID :	4410091179640
Option 1 ID :	4410094652694
Option 2 ID :	4410094652693
Option 3 ID :	4410094652691
Option 4 ID :	4410094652692

<b>Q.2</b>	<b>Which type of elements typically form ionic compounds?</b>
<b>Ans</b>	<input type="checkbox"/> 1. Metalloids
	<input type="checkbox"/> 2. Two solid
	<input checked="" type="checkbox"/> 3. A metal and a non-metal
	<input type="checkbox"/> 4. Two non-metals

Question ID :	4410091192818
Option 1 ID :	4410094705187
Option 2 ID :	4410094705189
Option 3 ID :	4410094705190
Option 4 ID :	4410094705188

<b>Q.3</b>	<b>Which of the following elements has the highest ionisation enthalpy?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Lithium (Li)
	<input type="checkbox"/> 2. Potassium (K)
	<input type="checkbox"/> 3. Caesium (Cs)
	<input type="checkbox"/> 4. Sodium (Na)

Question ID :	4410091198105
Option 1 ID :	4410094726316
Option 2 ID :	4410094726315
Option 3 ID :	4410094726318
Option 4 ID :	4410094726317

<b>Q.4</b>	<b>The valency of elements in a period:</b>
<b>Ans</b>	<input type="checkbox"/> 1. Decreases from left to right
	<input type="checkbox"/> 2. Increases from left to right
	<input checked="" type="checkbox"/> 3. First increases then decreases
	<input type="checkbox"/> 4. Remains constant

Question ID :	4410091173461
Option 1 ID :	4410094627991
Option 2 ID :	4410094627990
Option 3 ID :	4410094627992
Option 4 ID :	4410094627993

<b>Q.5</b>	Which of the following is the correct classification for Sodium Hydroxide?
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Base
	<input type="checkbox"/> 2. Acid
	<input type="checkbox"/> 3. Salt
	<input type="checkbox"/> 4. Metal

Question ID :	4410091189630
Option 1 ID :	4410094692682
Option 2 ID :	4410094692683
Option 3 ID :	4410094692685
Option 4 ID :	4410094692684

<b>Q.6</b>	If Solution A has pH 3 and Solution B has pH 5, then which of the given options is true?
<b>Ans</b>	<input type="checkbox"/> 1. [A] has 2 pH units less than [B] → 10× more H <sup>+</sup>
	<input type="checkbox"/> 2. [OH <sup>-</sup> ] in A = [H <sup>+</sup> ] in B
	<input type="checkbox"/> 3. [A] has 5× more H <sup>+</sup> than [B]
	<input checked="" type="checkbox"/> 4. [A] has 100× more H <sup>+</sup> than [B]

Question ID :	4410091186203
Option 1 ID :	4410094679016
Option 2 ID :	4410094679015
Option 3 ID :	4410094679018
Option 4 ID :	4410094679017

<b>Q.7</b>	Which of the following is a correctly balanced chemical equation for the thermal decomposition of lead nitrate?
<b>Ans</b>	<input type="checkbox"/> 1. $\text{Pb}(\text{NO}_3)_2 \rightarrow \text{PbO} + 2\text{NO}_2 + \text{O}_2$
	<input checked="" type="checkbox"/> 2. $2\text{Pb}(\text{NO}_3)_2 \rightarrow 2\text{PbO} + 4\text{NO}_2 + \text{O}_2$
	<input type="checkbox"/> 3. $2\text{Pb}(\text{NO}_3)_2 \rightarrow \text{PbO} + \text{NO}_2 + \text{O}_2$
	<input type="checkbox"/> 4. $\text{Pb}(\text{NO}_3)_2 \rightarrow \text{PbO} + \text{NO}_2 + \text{O}_2$

Question ID :	4410091152428
Option 1 ID :	4410094544624
Option 2 ID :	4410094544623
Option 3 ID :	4410094544625
Option 4 ID :	4410094544622

<b>Q.8</b>	Which of the following is NOT a member of the same homologous series as the others?
<b>Ans</b>	<input type="checkbox"/> 1. C <sub>3</sub> H <sub>8</sub>
	<input type="checkbox"/> 2. C <sub>2</sub> H <sub>6</sub>
	<input type="checkbox"/> 3. CH <sub>4</sub>
	<input checked="" type="checkbox"/> 4. C <sub>3</sub> H <sub>6</sub>

Question ID :	4410091152860
Option 1 ID :	4410094546348
Option 2 ID :	4410094546347
Option 3 ID :	4410094546346
Option 4 ID :	4410094546349

Q.9	Carbon atoms most commonly form compounds by which bonding?
Ans	<input type="checkbox"/> 1. Ionic bonding
	<input checked="" type="checkbox"/> 2. Covalent bonding
	<input type="checkbox"/> 3. Hydrogen bonding
	<input type="checkbox"/> 4. Metallic bonding

Question ID :	4410091192902
Option 1 ID :	4410094705516
Option 2 ID :	4410094705518
Option 3 ID :	4410094705515
Option 4 ID :	4410094705517

Q.10	What happens when solutions of barium chloride and sodium sulphate are mixed?
Ans	<input type="checkbox"/> 1. No reaction
	<input type="checkbox"/> 2. Gas is released
	<input checked="" type="checkbox"/> 3. White ppt formation
	<input type="checkbox"/> 4. Solution turns red

Question ID :	4410091179651
Option 1 ID :	4410094652735
Option 2 ID :	4410094652737
Option 3 ID :	4410094652736
Option 4 ID :	4410094652738

Q.11	Plaster of Paris is chemically represented as _____.
Ans	<input type="checkbox"/> 1. $\text{CaCO}_3$
	<input type="checkbox"/> 2. $\text{CaSO}_4$
	<input type="checkbox"/> 3. $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$
	<input checked="" type="checkbox"/> 4. $\text{CaSO}_4 \cdot 0.5 \text{H}_2\text{O}$

Question ID :	4410091159726
Option 1 ID :	4410094573522
Option 2 ID :	4410094573521
Option 3 ID :	4410094573519
Option 4 ID :	4410094573520

Q.12	Which of the following correctly represents the trend in metallic character down a group in the modern periodic table?
Ans	<input type="checkbox"/> 1. Remains unchanged
	<input type="checkbox"/> 2. First increases then decreases
	<input checked="" type="checkbox"/> 3. Increases
	<input type="checkbox"/> 4. Decreases

Question ID :	4410091172856
Option 1 ID :	4410094625593
Option 2 ID :	4410094625592
Option 3 ID :	4410094625590
Option 4 ID :	4410094625591

Q.1 3	In the reaction between silver nitrate and potassium chloride, a white precipitate is formed. What is the precipitate in this reaction?
Ans	<input checked="" type="checkbox"/> 1. Silver nitrate
	<input checked="" type="checkbox"/> 2. Potassium nitrate
	<input checked="" type="checkbox"/> 3. Potassium chloride
	<input checked="" type="checkbox"/> 4. Silver chloride

Question ID :	4410091195359
Option 1 ID :	4410094715312
Option 2 ID :	4410094715313
Option 3 ID :	4410094715311
Option 4 ID :	4410094715310

Q.1 4	Which of the following was a limitation of Mendeleev's periodic table?
Ans	<input checked="" type="checkbox"/> 1. It could not explain the position of isotopes correctly.
	<input checked="" type="checkbox"/> 2. It could not explain the separation of metals and non-metals.
	<input checked="" type="checkbox"/> 3. It could not arrange elements into groups and periods.
	<input checked="" type="checkbox"/> 4. It could not explain why properties repeated periodically.

Question ID :	4410091172957
Option 1 ID :	4410094625994
Option 2 ID :	4410094625995
Option 3 ID :	4410094625996
Option 4 ID :	4410094625993

Q.1 5	What is the main active ingredient in bleaching powder?
Ans	<input checked="" type="checkbox"/> 1. Calcium bromide
	<input checked="" type="checkbox"/> 2. Calcium iodide
	<input checked="" type="checkbox"/> 3. Calcium hypochlorite
	<input checked="" type="checkbox"/> 4. Calcium carbonate

Question ID :	4410091189454
Option 1 ID :	4410094691995
Option 2 ID :	4410094691996
Option 3 ID :	4410094691994
Option 4 ID :	4410094691997

Q.1 6	Which of the following molecules has only single covalent bonds between all atoms?
Ans	<input checked="" type="checkbox"/> 1. Carbon Dioxide
	<input checked="" type="checkbox"/> 2. Ethane
	<input checked="" type="checkbox"/> 3. Ethyne
	<input checked="" type="checkbox"/> 4. Ethene

Question ID :	4410091152784
Option 1 ID :	4410094546044
Option 2 ID :	4410094546045
Option 3 ID :	4410094546043
Option 4 ID :	4410094546042

Q.1 7	Which of the following is NOT true about a homologous series?
Ans	<input checked="" type="checkbox"/> 1. Members differ by a $-CH_2$ group
	<input checked="" type="checkbox"/> 2. They show identical physical properties
	<input checked="" type="checkbox"/> 3. All members have the same general formula
	<input checked="" type="checkbox"/> 4. They have similar chemical properties

Question ID :	4410091193047
Option 1 ID :	4410094706125
Option 2 ID :	4410094706123
Option 3 ID :	4410094706126
Option 4 ID :	4410094706124

Q.1 8	Which of the following is NOT a property that shows periodicity in the periodic table?
Ans	<input checked="" type="checkbox"/> 1. Atomic radius
	<input checked="" type="checkbox"/> 2. Electronegativity
	<input checked="" type="checkbox"/> 3. Isotopes
	<input checked="" type="checkbox"/> 4. Ionization enthalpy

Question ID :	4410091198139
Option 1 ID :	4410094726453
Option 2 ID :	4410094726454
Option 3 ID :	4410094726451
Option 4 ID :	4410094726452

Q.1 9	Metals DO NOT have which of the following properties?
Ans	<input checked="" type="checkbox"/> 1. Conductor of electricity
	<input checked="" type="checkbox"/> 2. Malleability
	<input checked="" type="checkbox"/> 3. Insulating property
	<input checked="" type="checkbox"/> 4. Ductility

Question ID :	441009942521
Option 1 ID :	4410093723738
Option 2 ID :	4410093723736
Option 3 ID :	4410093723739
Option 4 ID :	4410093723737

Q.2 0	In ethane, C-C bond is _____.
Ans	<input checked="" type="checkbox"/> 1. ionic bond
	<input checked="" type="checkbox"/> 2. hydrogen bond
	<input checked="" type="checkbox"/> 3. metallic bond
	<input checked="" type="checkbox"/> 4. covalent bond

Question ID :	441009942561
Option 1 ID :	4410093723896
Option 2 ID :	4410093723897
Option 3 ID :	4410093723899
Option 4 ID :	4410093723898

<b>Q.1</b>	<b>Which of the following statements is true about unicellular organisms?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. They are made up of multiple cells.
	<input checked="" type="checkbox"/> 2. They can carry out all life processes within a single cell.
	<input checked="" type="checkbox"/> 3. They are always larger than multicellular organisms.
	<input checked="" type="checkbox"/> 4. They cannot reproduce.

Question ID :	441009945878
Option 1 ID :	4410093737029
Option 2 ID :	4410093737030
Option 3 ID :	4410093737032
Option 4 ID :	4410093737031

<b>Q.2</b>	<b>What is the full form of UNEP?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. United Nation Environment Practice
	<input checked="" type="checkbox"/> 2. United Nation Engineering Programme
	<input checked="" type="checkbox"/> 3. United Nations Environment Programme
	<input checked="" type="checkbox"/> 4. Union Nation Environment Protocol

Question ID :	441009946101
Option 1 ID :	4410093737923
Option 2 ID :	4410093737921
Option 3 ID :	4410093737922
Option 4 ID :	4410093737924

<b>Q.3</b>	<b>What are the various ways in which cells can differ, concerning their shape?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Only circular
	<input checked="" type="checkbox"/> 2. Disc-like, polygonal, cuboid and irregular
	<input checked="" type="checkbox"/> 3. Only elongated
	<input checked="" type="checkbox"/> 4. Only three-dimensional

Question ID :	441009945877
Option 1 ID :	4410093737025
Option 2 ID :	4410093737026
Option 3 ID :	4410093737027
Option 4 ID :	4410093737028

<b>Q.4</b>	<b>Which of the following statements is INCORRECT with regard to sex determination in humans?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Y chromosome from the father decides the gender of a girl child.
	<input checked="" type="checkbox"/> 2. Women have two X chromosomes; men have X and Y.
	<input checked="" type="checkbox"/> 3. Sex is genetically determined in human beings.
	<input checked="" type="checkbox"/> 4. All children get X chromosome from their mother.

Question ID :	441009946067
Option 1 ID :	4410093737788
Option 2 ID :	4410093737786
Option 3 ID :	4410093737785
Option 4 ID :	4410093737787

<b>Q.5</b>	<b>What is the IUPAC name of baking soda?</b>
<b>Ans</b>	<input type="checkbox"/> 1. Sodium carbonate
	<input type="checkbox"/> 2. Sodium chloride
	<input checked="" type="checkbox"/> 3. Sodium hydrogen carbonate
	<input type="checkbox"/> 4. Sodium hydroxide

Question ID :	4410091186338
Option 1 ID :	4410094679563
Option 2 ID :	4410094679561
Option 3 ID :	4410094679564
Option 4 ID :	4410094679562

<b>Q.6</b>	<b>Which of the following statements about cell number in organisms is correct?</b>
<b>Ans</b>	<input type="checkbox"/> 1. All organisms are unicellular.
	<input checked="" type="checkbox"/> 2. Organisms can be classified as unicellular or multicellular based on the number of cells they contain.
	<input type="checkbox"/> 3. Multicellular organisms are composed of just one type of cell.
	<input type="checkbox"/> 4. Cell number has no significance in the classification of organisms.

Question ID :	441009945806
Option 1 ID :	4410093736741
Option 2 ID :	4410093736743
Option 3 ID :	4410093736742
Option 4 ID :	4410093736744

<b>Q.7</b>	<b>Which of the following parts of a flower contain germ cells?</b>
<b>Ans</b>	<input type="checkbox"/> 1. Petals and pistil
	<input type="checkbox"/> 2. Sepal and petals
	<input checked="" type="checkbox"/> 3. Stamen and pistil
	<input type="checkbox"/> 4. Petals and stamen

Question ID :	441009946046
Option 1 ID :	4410093737704
Option 2 ID :	4410093737703
Option 3 ID :	4410093737701
Option 4 ID :	4410093737702

<b>Q.8</b>	<b>Double fertilisation is characteristic of which group of plants?</b>
<b>Ans</b>	<input type="checkbox"/> 1. Gymnosperms
	<input checked="" type="checkbox"/> 2. Angiosperms
	<input type="checkbox"/> 3. Bryophytes
	<input type="checkbox"/> 4. Pteridophytes

Question ID :	441009945932
Option 1 ID :	4410093737245
Option 2 ID :	4410093737246
Option 3 ID :	4410093737247
Option 4 ID :	4410093737248

Q.9	Which of the following statements is NOT an objective of conservation and management of natural resources for sustainable development?
Ans	<input type="checkbox"/> 1. Safe disposal of wastes in the environment.
	<input type="checkbox"/> 2. To reduce the damage done to the environment.
	<input type="checkbox"/> 3. Natural resource management needs a long-term view.
	<input checked="" type="checkbox"/> 4. Management should benefit only the rich and powerful.

Question ID :	441009946093
Option 1 ID :	4410093737889
Option 2 ID :	4410093737890
Option 3 ID :	4410093737891
Option 4 ID :	4410093737892

Q.10	What is the atomic mass of the middle element in the triad of calcium (Ca), strontium (Sr) and barium (Ba)?
Ans	<input type="checkbox"/> 1. 108
	<input type="checkbox"/> 2. 52
	<input checked="" type="checkbox"/> 3. 88
	<input type="checkbox"/> 4. 56

Question ID :	441009942478
Option 1 ID :	4410093723566
Option 2 ID :	4410093723565
Option 3 ID :	4410093723564
Option 4 ID :	4410093723567

Q.11	Which of the following statements is INCORRECT about reproductive health?
Ans	<input checked="" type="checkbox"/> 1. It does not cover maternal and infant health.
	<input type="checkbox"/> 2. It prevents transmission of bacterial and viral infections.
	<input type="checkbox"/> 3. It includes safe childbirth.
	<input type="checkbox"/> 4. It affects the mental well-being of a person.

Question ID :	441009946064
Option 1 ID :	4410093737775
Option 2 ID :	4410093737776
Option 3 ID :	4410093737774
Option 4 ID :	4410093737773

Q.12	Read the given statements of Assertion (A) and Reason (R) carefully and select the correct option.
	<b>Assertion (A):</b> Pollination is essential for the formation of seeds in flowering plants.
	<b>Reason (R):</b> Pollination ensures the transfer of pollen grains from the anther to the stigma.
Ans	<input type="checkbox"/> 1. (A) is false, but (R) is true.
	<input type="checkbox"/> 2. (A) is true, but (R) is false.
	<input type="checkbox"/> 3. Both (A) and (R) are true, but (R) is not the correct explanation of (A).
	<input checked="" type="checkbox"/> 4. Both (A) and (R) are true, and (R) is the correct explanation of (A).

Question ID :	441009945816
Option 1 ID :	4410093736784
Option 2 ID :	4410093736783
Option 3 ID :	4410093736782
Option 4 ID :	4410093736781

Q.1	Which of the following materials is considered biodegradable?
3	
Ans	<input checked="" type="checkbox"/> 1. Styrofoam containers
	<input checked="" type="checkbox"/> 2. Paper
	<input checked="" type="checkbox"/> 3. Glass bottles
	<input checked="" type="checkbox"/> 4. Plastic bags

Question ID :	441009945945
Option 1 ID :	4410093737298
Option 2 ID :	4410093737299
Option 3 ID :	4410093737300
Option 4 ID :	4410093737297

Q.1	Which forest officer started reviving the degraded Sal forests in Arabari, Midnapore, in 1972?
4	
Ans	<input checked="" type="checkbox"/> 1. Amrita Devi Bishnoi
	<input checked="" type="checkbox"/> 2. Robin Warren
	<input checked="" type="checkbox"/> 3. AK Banerjee
	<input checked="" type="checkbox"/> 4. Barry Marshall

Question ID :	441009946095
Option 1 ID :	4410093737897
Option 2 ID :	4410093737899
Option 3 ID :	4410093737898
Option 4 ID :	4410093737900

Q.1	Which of the following is an example of incomplete dominance?
5	
Ans	<input checked="" type="checkbox"/> 1. Colour blindness
	<input checked="" type="checkbox"/> 2. Blood types A, B, AB and O
	<input checked="" type="checkbox"/> 3. Red and white flowers producing pink flowers
	<input checked="" type="checkbox"/> 4. Tall and short pea plants

Question ID :	441009945942
Option 1 ID :	4410093737288
Option 2 ID :	4410093737287
Option 3 ID :	4410093737286
Option 4 ID :	4410093737285

Q.1	Why is composting beneficial for biodegradable materials?
6	
Ans	<input checked="" type="checkbox"/> 1. It transforms waste into nutrient-rich soil.
	<input checked="" type="checkbox"/> 2. It allows for waste to be dumped in landfills.
	<input checked="" type="checkbox"/> 3. It makes biodegradable materials non-biodegradable.
	<input checked="" type="checkbox"/> 4. It destroys nutrients in the materials.

Question ID :	441009945965
Option 1 ID :	4410093737379
Option 2 ID :	4410093737378
Option 3 ID :	4410093737380
Option 4 ID :	4410093737377

Q.1 7	Which atmospheric pollutant is primarily responsible for the thinning of the stratospheric ozone layer?
Ans	<input checked="" type="checkbox"/> 1. Chlorofluorocarbons
	<input type="checkbox"/> 2. Methane
	<input type="checkbox"/> 3. Sulphur dioxide
	<input type="checkbox"/> 4. Carbon monoxide

Question ID :	4410091201132
Option 1 ID :	4410094738306
Option 2 ID :	4410094738307
Option 3 ID :	4410094738305
Option 4 ID :	4410094738304

Q.1 8	Which type of cell is typically long and has a thread-like shape to help it perform its function efficiently?
Ans	<input checked="" type="checkbox"/> 1. Nerve cell
	<input type="checkbox"/> 2. Fat cells
	<input type="checkbox"/> 3. RBC
	<input type="checkbox"/> 4. Skin

Question ID :	441009945895
Option 1 ID :	4410093737098
Option 2 ID :	4410093737100
Option 3 ID :	4410093737097
Option 4 ID :	4410093737099

Q.1 9	What is the primary significance of variation in plants?
Ans	<input type="checkbox"/> 1. It ensures uniformity across plant populations.
	<input type="checkbox"/> 2. It decreases resilience to diseases.
	<input checked="" type="checkbox"/> 3. It enables adaptation to changing environmental conditions.
	<input type="checkbox"/> 4. It limits genetic diversity.

Question ID :	441009945818
Option 1 ID :	4410093736789
Option 2 ID :	4410093736792
Option 3 ID :	4410093736790
Option 4 ID :	4410093736791

Q.2 0	In fragmentation, which part of the plant typically develops into a new individual?
Ans	<input type="checkbox"/> 1. Fruits
	<input type="checkbox"/> 2. Seeds
	<input checked="" type="checkbox"/> 3. Fragments of any vegetative part
	<input type="checkbox"/> 4. Flowers

Question ID :	441009945923
Option 1 ID :	4410093737211
Option 2 ID :	4410093737210
Option 3 ID :	4410093737212
Option 4 ID :	4410093737209

Q.1	An object is placed 50 cm away from a convex lens with a focal length of 30 cm. What is the image distance?
Ans	<input type="checkbox"/> 1. 18.75 cm
	<input type="checkbox"/> 2. 25 cm
	<input checked="" type="checkbox"/> 3. 75 cm
	<input type="checkbox"/> 4. -22.50 cm

Question ID :	441009998969
Option 1 ID :	4410093947730
Option 2 ID :	4410093947732
Option 3 ID :	4410093947729
Option 4 ID :	4410093947731

Q.2	In a circuit, a resistor of resistance $R_1 = 6 \Omega$ is connected in series with another resistor $R_2$ . The voltage across the combination is 24 V, and the total current through the circuit is 2 A. If the voltage drop across $R_1$ is 12 V, what is the resistance of $R_2$ ?
Ans	<input checked="" type="checkbox"/> 1. 6 ohms
	<input type="checkbox"/> 2. 4 ohms
	<input type="checkbox"/> 3. 3 ohms
	<input type="checkbox"/> 4. 12 ohms

Question ID :	441009999023
Option 1 ID :	4410093947947
Option 2 ID :	4410093947946
Option 3 ID :	4410093947945
Option 4 ID :	4410093947948

Q.3	Which of the following pairs correctly matches a scalar and a vector quantity, respectively?
Ans	<input type="checkbox"/> 1. Work – Speed
	<input type="checkbox"/> 2. Force – Mass
	<input checked="" type="checkbox"/> 3. Distance – Displacement
	<input type="checkbox"/> 4. Energy – Distance

Question ID :	441009999049
Option 1 ID :	4410093948050
Option 2 ID :	4410093948049
Option 3 ID :	4410093948052
Option 4 ID :	4410093948051

Q.4	A person walks 5 m north, 3 m east, and 5 m south. The displacement length of the person is _____.
Ans	<input type="checkbox"/> 1. 8 m
	<input type="checkbox"/> 2. 10 m
	<input type="checkbox"/> 3. 13 m
	<input checked="" type="checkbox"/> 4. 3 m

Question ID :	441009998835
Option 1 ID :	4410093947195
Option 2 ID :	4410093947194
Option 3 ID :	4410093947193
Option 4 ID :	4410093947196

Q.5	For a concave mirror, if a ray passes through the principal focus and then strikes the mirror, it will:
Ans	<input type="checkbox"/> 1. retrace its path
	<input type="checkbox"/> 2. pass through the centre of curvature
	<input type="checkbox"/> 3. reflect back through the pole
	<input checked="" type="checkbox"/> 4. reflect parallel to the principal axis

Question ID :	44100998953
Option 1 ID :	4410093947667
Option 2 ID :	4410093947665
Option 3 ID :	4410093947668
Option 4 ID :	4410093947666

Q.6	The pressure flow hypothesis explains the movement of:
Ans	<input type="checkbox"/> 1. oxygen in stomata
	<input type="checkbox"/> 2. water from roots to leaves
	<input checked="" type="checkbox"/> 3. sugars in phloem
	<input type="checkbox"/> 4. nutrients in soil

Question ID :	441009945792
Option 1 ID :	4410093736688
Option 2 ID :	4410093736685
Option 3 ID :	4410093736686
Option 4 ID :	4410093736687

Q.7	When an object is placed between the focal point and the mirror in a concave mirror, the image formed is _____.
Ans	<input type="checkbox"/> 1. real and erect
	<input checked="" type="checkbox"/> 2. virtual and erect
	<input type="checkbox"/> 3. real and inverted
	<input type="checkbox"/> 4. virtual and inverted

Question ID :	44100998961
Option 1 ID :	4410093947699
Option 2 ID :	4410093947698
Option 3 ID :	4410093947697
Option 4 ID :	4410093947700

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Q.8	An object is placed at the centre of curvature of a concave mirror, forming a real image at the centre of curvature. If the object is moved slightly closer to the focal point, such that it still remains between the centre of curvature and the focus, which of the following will correctly describe the change in the image?
Ans	<input type="checkbox"/> 1. The image will move closer to the focus, will remain real, and will be smaller than the object.
	<input type="checkbox"/> 2. The image will move closer to the mirror, will become virtual, and will be smaller than the object.
	<input checked="" type="checkbox"/> 3. The image will move beyond the centre of curvature, will remain real, and will be larger than the object.
	<input type="checkbox"/> 4. The image will move closer to the focus, will become virtual, and will be larger than the object.

Question ID :	44100998904
Option 1 ID :	4410093947469
Option 2 ID :	4410093947471
Option 3 ID :	4410093947470
Option 4 ID :	4410093947472

Q.9	The image produced by a convex lens is:
Ans	<input checked="" type="checkbox"/> 1. dependent on the initial position of the object
	<input type="checkbox"/> 2. always inverted and enlarged
	<input type="checkbox"/> 3. always erect and diminished
	<input type="checkbox"/> 4. always erect and enlarged

Question ID :	44100998906
Option 1 ID :	4410093947480
Option 2 ID :	4410093947479
Option 3 ID :	4410093947478
Option 4 ID :	4410093947477

Q.10	What is the distance between the pole and the centre of curvature of a spherical mirror called?
Ans	<input type="checkbox"/> 1. Focal length
	<input checked="" type="checkbox"/> 2. Radius of curvature
	<input type="checkbox"/> 3. Principal axis
	<input type="checkbox"/> 4. Image distance

Question ID :	44100998964
Option 1 ID :	4410093947709
Option 2 ID :	4410093947710
Option 3 ID :	4410093947712
Option 4 ID :	4410093947711

Q.11	In which part of the plant does the process of excretion primarily occur?
Ans	<input type="checkbox"/> 1. Flowers
	<input type="checkbox"/> 2. Branches
	<input type="checkbox"/> 3. Roots
	<input checked="" type="checkbox"/> 4. Leaves

Question ID :	441009945797
Option 1 ID :	4410093736708
Option 2 ID :	4410093736706
Option 3 ID :	4410093736705
Option 4 ID :	4410093736707

Q.1 2	If four identical bulbs of rating 100 watts - 220 volts each are connected in series to a 220 volt supply, then the total power drawn by them (in watts) will be:
Ans	<input type="checkbox"/> 1. 400
	<input type="checkbox"/> 2. 100
	<input type="checkbox"/> 3. 0.04
	<input checked="" type="checkbox"/> 4. 25

Question ID :	441009999083
Option 1 ID :	4410093948187
Option 2 ID :	4410093948186
Option 3 ID :	4410093948188
Option 4 ID :	4410093948185

Q.1 3	Which of the following statements is true about inertia?
Ans	<input type="checkbox"/> 1. Heavier objects have less inertia.
	<input checked="" type="checkbox"/> 2. Inertia is the tendency of an object to resist changes in its state of motion.
	<input type="checkbox"/> 3. Inertia depends only on the speed of the object.
	<input type="checkbox"/> 4. An object at rest has no inertia.

Question ID :	441009998825
Option 1 ID :	4410093947153
Option 2 ID :	4410093947156
Option 3 ID :	4410093947154
Option 4 ID :	4410093947155

Q.1 4	A concave lens produces an image at a distance of -10 cm, when the object is placed 30 cm from the lens. What is the focal length of the lens?
Ans	<input checked="" type="checkbox"/> 1. -15 cm
	<input type="checkbox"/> 2. -20 cm
	<input type="checkbox"/> 3. -7.5 cm
	<input type="checkbox"/> 4. 15 cm

Question ID :	441009998967
Option 1 ID :	4410093947721
Option 2 ID :	4410093947722
Option 3 ID :	4410093947724
Option 4 ID :	4410093947723

Q.1 5	Concert or cinema halls are made with curved ceilings to spread the sound _____.
Ans	<input type="checkbox"/> 1. evenly after absorption
	<input type="checkbox"/> 2. unevenly after reflection
	<input type="checkbox"/> 3. unevenly before reflection
	<input checked="" type="checkbox"/> 4. evenly after reflection

Question ID :	441009654617
Option 1 ID :	4410092572762
Option 2 ID :	4410092572763
Option 3 ID :	4410092572765
Option 4 ID :	4410092572764

Q.1 6	What determines the extent of Rayleigh scattering in a medium?
Ans	<input checked="" type="checkbox"/> 1. Pressure of the medium
	<input checked="" type="checkbox"/> 2. Temperature of the medium
	<input checked="" type="checkbox"/> 3. Wavelength of light
	<input checked="" type="checkbox"/> 4. Size of the particles

Question ID :	441009998866
Option 1 ID :	4410093947320
Option 2 ID :	4410093947319
Option 3 ID :	4410093947318
Option 4 ID :	4410093947317

Q.1 7	Which of the following statements is true regarding position and displacement vectors?
Ans	<input checked="" type="checkbox"/> 1. Displacement vector is dependent on the path taken between two points.
	<input checked="" type="checkbox"/> 2. Displacement vector can be zero even if the position changes.
	<input checked="" type="checkbox"/> 3. Position vector always changes with time, while displacement vector remains constant.
	<input checked="" type="checkbox"/> 4. Position vector is always larger than the displacement vector.

Question ID :	441009999051
Option 1 ID :	4410093948058
Option 2 ID :	4410093948059
Option 3 ID :	4410093948057
Option 4 ID :	4410093948060

Q.1 8	A deficiency of which nutrient can lead to stunted growth and yellowing of leaves?
Ans	<input checked="" type="checkbox"/> 1. Nitrogen
	<input checked="" type="checkbox"/> 2. Calcium
	<input checked="" type="checkbox"/> 3. Phosphorus
	<input checked="" type="checkbox"/> 4. Potassium

Question ID :	441009945863
Option 1 ID :	4410093736970
Option 2 ID :	4410093736972
Option 3 ID :	4410093736971
Option 4 ID :	4410093736969

Q.1 9	Whenever a magnet is moved towards a coil, a potential difference is induced in the coil. If we decrease the speed with which the magnet is moved towards the coil, then which of the following will be true?
Ans	<input checked="" type="checkbox"/> 1. The induced current in the coil increases.
	<input checked="" type="checkbox"/> 2. The induced potential difference remains the same.
	<input checked="" type="checkbox"/> 3. The induced potential difference in the coil decreases.
	<input checked="" type="checkbox"/> 4. The induced potential difference in the coil increases.

Question ID :	441009999071
Option 1 ID :	4410093948139
Option 2 ID :	4410093948138
Option 3 ID :	4410093948140
Option 4 ID :	4410093948137

Q.2	Which of the following statements about the human digestive system is correct?
0	
Ans	<input type="checkbox"/> 1. The large intestine is responsible for the majority of nutrient absorption.
	<input checked="" type="checkbox"/> 2. The small intestine is where most of the digestion and absorption occurs.
	<input type="checkbox"/> 3. The primary site for the absorption of nutrients is the stomach.
	<input type="checkbox"/> 4. Bile is produced by the pancreas.

Question ID :	441009945801
Option 1 ID :	4410093736724
Option 2 ID :	4410093736723
Option 3 ID :	4410093736721
Option 4 ID :	4410093736722

Section : Discipline4

Q.1	Which part of the nervous system is primarily responsible for the 'fight or flight' response?
Ans	<input type="checkbox"/> 1. Central nervous system
	<input type="checkbox"/> 2. Peripheral nervous system
	<input type="checkbox"/> 3. Somatic nervous system
	<input checked="" type="checkbox"/> 4. Autonomic nervous system

Question ID :	441009941878
Option 1 ID :	4410093721169
Option 2 ID :	4410093721171
Option 3 ID :	4410093721168
Option 4 ID :	4410093721170

Q.2	When light is incident from an optically rarer medium (1) to an optically denser medium (2), the refractive index $n_{21}$ is:
Ans	<input checked="" type="checkbox"/> 1. greater than 1
	<input type="checkbox"/> 2. less than 1
	<input type="checkbox"/> 3. equal to 1
	<input type="checkbox"/> 4. undeterminable with the given information

Question ID :	441009998909
Option 1 ID :	4410093947491
Option 2 ID :	4410093947489
Option 3 ID :	4410093947490
Option 4 ID :	4410093947492

Q.3	What is the primary benefit of intercropping in agriculture?
Ans	<input type="checkbox"/> 1. Simplified farming practices
	<input checked="" type="checkbox"/> 2. Reduced pest populations
	<input type="checkbox"/> 3. Increased use of chemical fertilizers
	<input type="checkbox"/> 4. Higher labour costs

Question ID :	441009941896
Option 1 ID :	4410093721242
Option 2 ID :	4410093721241
Option 3 ID :	4410093721240
Option 4 ID :	4410093721243

Q.4	Which of the following is NOT true about hybridisation in mammals?
Ans	<input checked="" type="checkbox"/> 1. It can have an important effect on the evolutionary patterns in cross-breeding taxa.
	<input checked="" type="checkbox"/> 2. Introgressive hybridisation can not contribute to speciation.
	<input checked="" type="checkbox"/> 3. Interspecific hybridisation has been considered as a maladaptive process, which threatens species genetic integrity and survival.
	<input checked="" type="checkbox"/> 4. Introgressive hybridisation can affect creation, maintenance and loss of biodiversity.

Question ID :	441009941983
Option 1 ID :	4410093721588
Option 2 ID :	4410093721591
Option 3 ID :	4410093721589
Option 4 ID :	4410093721590

Q.5	When a boxer moves his head backward while receiving a punch, the impulse received by his head _____.
Ans	<input checked="" type="checkbox"/> 1. remains the same
	<input checked="" type="checkbox"/> 2. decreases
	<input checked="" type="checkbox"/> 3. becomes zero
	<input checked="" type="checkbox"/> 4. increases

Question ID :	441009998824
Option 1 ID :	4410093947151
Option 2 ID :	4410093947150
Option 3 ID :	4410093947152
Option 4 ID :	4410093947149

Q.6	Select the immunoglobulin which is implicated in immune system responses to most parasitic worms and is important during immune defense against certain protozoan parasites.
Ans	<input checked="" type="checkbox"/> 1. Immunoglobulin alpha
	<input checked="" type="checkbox"/> 2. Immunoglobulin gamma
	<input checked="" type="checkbox"/> 3. Immunoglobulin epsilon
	<input checked="" type="checkbox"/> 4. Immunoglobulin delta

Question ID :	441009942022
Option 1 ID :	4410093721744
Option 2 ID :	4410093721745
Option 3 ID :	4410093721746
Option 4 ID :	4410093721747

Q.7	The parietal cells of the gastric glands lining the stomach are responsible for the secretion of:
Ans	<input checked="" type="checkbox"/> 1. Hydrochloric acid
	<input checked="" type="checkbox"/> 2. Pepsinogen
	<input checked="" type="checkbox"/> 3. Gastrin
	<input checked="" type="checkbox"/> 4. Somatostatin

Question ID :	441009941951
Option 1 ID :	4410093721460
Option 2 ID :	4410093721461
Option 3 ID :	4410093721462
Option 4 ID :	4410093721463

<b>Q.8</b>	<b>What is the primary cause of the depletion of the ozone layer?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Nitrous oxide
	<input checked="" type="checkbox"/> 2. Methane emissions
	<input checked="" type="checkbox"/> 3. Chlorofluorocarbons (CFCs)
	<input checked="" type="checkbox"/> 4. Carbon dioxide emissions

Question ID :	441009941907
Option 1 ID :	4410093721286
Option 2 ID :	4410093721287
Option 3 ID :	4410093721285
Option 4 ID :	4410093721284

<b>Q.9</b>	<b>Which of the following is FALSE about ovaries in vertebrates?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. In female anamniotes, ovaries are large and occupying much of the body cavity.
	<input checked="" type="checkbox"/> 2. Mammals have small ovaries and the eggs contain little yolk.
	<input checked="" type="checkbox"/> 3. In amniotes, ovaries produce fewer eggs and the fertilisation is internal.
	<input checked="" type="checkbox"/> 4. Ovaries of reptiles and birds are small and the eggs contain little yolk.

Question ID :	441009942025
Option 1 ID :	4410093721756
Option 2 ID :	4410093721758
Option 3 ID :	4410093721759
Option 4 ID :	4410093721757

<b>Q.10</b>	<b>Which of the following is a characteristic feature of freshwater biomes?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Variability in temperature and flow rates
	<input checked="" type="checkbox"/> 2. Presence of saltwater species
	<input checked="" type="checkbox"/> 3. Low nutrient availability
	<input checked="" type="checkbox"/> 4. High salinity levels

Question ID :	441009941861
Option 1 ID :	4410093721103
Option 2 ID :	4410093721101
Option 3 ID :	4410093721102
Option 4 ID :	4410093721100

<b>Q.11</b>	<b>Following the sign convention, if the magnification produced by the lens is negative, the image is _____</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. inverted and virtual
	<input checked="" type="checkbox"/> 2. inverted and real
	<input checked="" type="checkbox"/> 3. erect and real
	<input checked="" type="checkbox"/> 4. magnification cannot be negative

Question ID :	441009998911
Option 1 ID :	4410093947497
Option 2 ID :	4410093947499
Option 3 ID :	4410093947498
Option 4 ID :	4410093947500

Q.1 2	During the nitrogen cycle, which bacterial group is primarily responsible for the process of denitrification, converting nitrates ( $\text{NO}_3^-$ ) back into atmospheric nitrogen ( $\text{N}_2$ )?
Ans	<input checked="" type="checkbox"/> 1. Pseudomonas
	<input type="checkbox"/> 2. Azotobacter
	<input type="checkbox"/> 3. Rhizobium
	<input type="checkbox"/> 4. Nitrosomonas

Question ID :	441009941902
Option 1 ID :	4410093721265
Option 2 ID :	4410093721267
Option 3 ID :	4410093721266
Option 4 ID :	4410093721264

Q.1 3	Which of the following are widely used in biomonitoring programmes and ecotoxicological studies?
Ans	<input type="checkbox"/> 1. Pila
	<input type="checkbox"/> 2. Scypha
	<input checked="" type="checkbox"/> 3. Daphnia
	<input type="checkbox"/> 4. Sea star

Question ID :	441009941931
Option 1 ID :	4410093721381
Option 2 ID :	4410093721383
Option 3 ID :	4410093721380
Option 4 ID :	4410093721382

Q.1 4	Which type of cartilage is most abundant in the human body and provides support while allowing flexibility?
Ans	<input type="checkbox"/> 1. Fibrocartilage
	<input type="checkbox"/> 2. Elastic cartilage
	<input type="checkbox"/> 3. Calcified cartilage
	<input checked="" type="checkbox"/> 4. Hyaline cartilage

Question ID :	441009941892
Option 1 ID :	4410093721226
Option 2 ID :	4410093721225
Option 3 ID :	4410093721227
Option 4 ID :	4410093721224

Q.1 5	Which of the following processes of nitrogen fixation involves the use of higher amount of fossil fuel energy?
Ans	<input type="checkbox"/> 1. Electrochemical nitrogen fixation
	<input checked="" type="checkbox"/> 2. Industrial nitrogen fixation
	<input type="checkbox"/> 3. Photochemical nitrogen fixation
	<input type="checkbox"/> 4. Biological nitrogen fixation

Question ID :	441009942232
Option 1 ID :	4410093722585
Option 2 ID :	4410093722587
Option 3 ID :	4410093722586
Option 4 ID :	4410093722584

Q.1 6	What is the primary function of the testes in the male reproductive system?
Ans	<input checked="" type="checkbox"/> 1. To produce testosterone and sperm <input type="checkbox"/> 2. To store sperm <input type="checkbox"/> 3. To secrete seminal fluid <input type="checkbox"/> 4. To produce estrogen

Question ID :	441009941852
Option 1 ID :	4410093721066
Option 2 ID :	4410093721065
Option 3 ID :	4410093721067
Option 4 ID :	4410093721064

Q.1 7	If a gun recoils when it is fired, the forward motion of the bullet is an example of a/an_____.
Ans	<input type="checkbox"/> 1. reaction force <input checked="" type="checkbox"/> 2. action force <input type="checkbox"/> 3. frictional force <input type="checkbox"/> 4. gravitational force

Question ID :	441009998823
Option 1 ID :	4410093947145
Option 2 ID :	4410093947146
Option 3 ID :	4410093947147
Option 4 ID :	4410093947148

Q.1 8	An air-filled solenoid, having 200 turns per cm, carries a current of 2 A, the magnetic field strength in Tesla at the centre of the solenoid will be:  (Take the value of $\mu_0 = 4\pi \times 10^{-7} \text{ Tm/A}$ )
Ans	<input type="checkbox"/> 1. $8\pi \times 10^{-2}$ <input type="checkbox"/> 2. $8\pi \times 10^{-3}$ <input checked="" type="checkbox"/> 3. $16\pi \times 10^{-3}$ <input type="checkbox"/> 4. $16 \times 10^{-2}$

Question ID :	441009999070
Option 1 ID :	4410093948133
Option 2 ID :	4410093948135
Option 3 ID :	4410093948134
Option 4 ID :	4410093948136

Q.1 9	Which of the following is the most effective strategy to control air pollution from vehicular emissions in urban areas?
Ans	<input checked="" type="checkbox"/> 1. Encouraging the use of public transportation <input type="checkbox"/> 2. Reducing the speed limit on highways <input type="checkbox"/> 3. Increasing the number of traffic signals <input type="checkbox"/> 4. Expanding road networks to accommodate more vehicles

Question ID :	441009941840
Option 1 ID :	4410093721016
Option 2 ID :	4410093721018
Option 3 ID :	4410093721017
Option 4 ID :	4410093721019

Q.2	An optician prescribes his patient a corrective lens of power +1.25 D; the focal length (in metres) will be _____ and the type of lens is _____.
0	
Ans	<input checked="" type="checkbox"/> 1. +0.80, concave lens
	<input checked="" type="checkbox"/> 2. -0.80, convex lens
	<input checked="" type="checkbox"/> 3. +0.80, convex lens
	<input checked="" type="checkbox"/> 4. -0.80, concave lens

Question ID :	441009998910
Option 1 ID :	4410093947494
Option 2 ID :	4410093947495
Option 3 ID :	4410093947493
Option 4 ID :	4410093947496

Section : Discipline5

Q.1	Rhinoceros beetle is a major pest that affects _____ plants.
Ans	<input checked="" type="checkbox"/> 1. coconut
	<input checked="" type="checkbox"/> 2. cotton
	<input checked="" type="checkbox"/> 3. tea
	<input checked="" type="checkbox"/> 4. coffee

Question ID :	441009941935
Option 1 ID :	4410093721397
Option 2 ID :	4410093721396
Option 3 ID :	4410093721398
Option 4 ID :	4410093721399

Q.2	Which of the following is NOT true about hyaline cartilages?
Ans	<input checked="" type="checkbox"/> 1. It contains many yellow elastic fibers lying in a solid matrix.
	<input checked="" type="checkbox"/> 2. Hyaline cartilage is covered externally by a fibrous membrane, called the perichondrium, except at the articular ends of bones.
	<input checked="" type="checkbox"/> 3. This type of cartilage is predominately collagen and has a glassy appearance.
	<input checked="" type="checkbox"/> 4. It contains no nerves or blood vessels, and its structure is relatively simple.

Question ID :	441009941985
Option 1 ID :	4410093721596
Option 2 ID :	4410093721598
Option 3 ID :	4410093721597
Option 4 ID :	4410093721599

Q.3	Which of the following excretory organs is NOT correctly matched with its waste product excreted?
Ans	<input checked="" type="checkbox"/> 1. Liver - Excess water
	<input checked="" type="checkbox"/> 2. Lungs - Carbon dioxide
	<input checked="" type="checkbox"/> 3. Skin - Urea and excess salts
	<input checked="" type="checkbox"/> 4. Kidney - Urea and excess salts

Question ID :	441009942003
Option 1 ID :	4410093721670
Option 2 ID :	4410093721669
Option 3 ID :	4410093721668
Option 4 ID :	4410093721671

<b>Q.4</b>	<b>The intercostal arteries supply blood to the muscles of the:</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Duodenum
	<input checked="" type="checkbox"/> 2. Pancreas
	<input checked="" type="checkbox"/> 3. Chest
	<input checked="" type="checkbox"/> 4. Stomach

Question ID :	441009941950
Option 1 ID :	4410093721459
Option 2 ID :	4410093721458
Option 3 ID :	4410093721457
Option 4 ID :	4410093721456

<b>Q.5</b>	<b>Which of the following diseases is primarily transmitted by mosquitoes?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Lyme disease
	<input checked="" type="checkbox"/> 2. African trypanosomiasis
	<input checked="" type="checkbox"/> 3. Zika virus
	<input checked="" type="checkbox"/> 4. Leishmaniasis

Question ID :	441009941848
Option 1 ID :	4410093721048
Option 2 ID :	4410093721051
Option 3 ID :	4410093721050
Option 4 ID :	4410093721049

<b>Q.6</b>	<b>What is the role of antibodies in the immune system?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. To directly kill pathogens
	<input checked="" type="checkbox"/> 2. To produce hormones
	<input checked="" type="checkbox"/> 3. To transport nutrients
	<input checked="" type="checkbox"/> 4. To bind to antigens and neutralize or mark them for destruction

Question ID :	441009941856
Option 1 ID :	4410093721080
Option 2 ID :	4410093721082
Option 3 ID :	4410093721083
Option 4 ID :	4410093721081

<b>Q.7</b>	<b>How do vaccines work to protect against diseases?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. They replace the need for the immune system.
	<input checked="" type="checkbox"/> 2. They stimulate the immune system to recognise and fight specific pathogens.
	<input checked="" type="checkbox"/> 3. They provide immediate immunity through the injection of antibodies.
	<input checked="" type="checkbox"/> 4. They destroy pathogens in the body.

Question ID :	441009941853
Option 1 ID :	4410093721071
Option 2 ID :	4410093721069
Option 3 ID :	4410093721068
Option 4 ID :	4410093721070

<b>Q.8</b>	<b>Which of the following is less effective in the depletion of stratospheric ozone?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Methyl chloroform
	<input checked="" type="checkbox"/> 2. Chlorofluorocarbons
	<input checked="" type="checkbox"/> 3. Halons
	<input checked="" type="checkbox"/> 4. Hydrofluorocarbons

Question ID :	441009941968
Option 1 ID :	4410093721529
Option 2 ID :	4410093721528
Option 3 ID :	4410093721530
Option 4 ID :	4410093721531

<b>Q.9</b>	<b>In the human eye, while contracting or relaxing vision _____ are responsible for changing the focal length of the human eye.</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. cochlea
	<input checked="" type="checkbox"/> 2. ciliary muscles
	<input checked="" type="checkbox"/> 3. cornea
	<input checked="" type="checkbox"/> 4. pupil

Question ID :	441009942138
Option 1 ID :	4410093722210
Option 2 ID :	4410093722211
Option 3 ID :	4410093722208
Option 4 ID :	4410093722209

<b>Q.10</b>	<b>Which human activity significantly contributes to global warming?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Utilising public transport
	<input checked="" type="checkbox"/> 2. Afforestation
	<input checked="" type="checkbox"/> 3. Recycling processes
	<input checked="" type="checkbox"/> 4. Combustion of fossil fuels

Question ID :	441009941908
Option 1 ID :	4410093721291
Option 2 ID :	4410093721288
Option 3 ID :	4410093721290
Option 4 ID :	4410093721289

Section : Teaching Methodology

<b>Q.1</b>	<b>Which level of Bloom's Taxonomy is related to an objective that states, 'Students will be able to compare two historical events'?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Evaluation
	<input checked="" type="checkbox"/> 2. Knowledge
	<input checked="" type="checkbox"/> 3. Application
	<input checked="" type="checkbox"/> 4. Analysis

Question ID :	4410091127933
Option 1 ID :	4410094447295
Option 2 ID :	4410094447292
Option 3 ID :	4410094447293
Option 4 ID :	4410094447294

<b>Q.2</b>	<b>Which of the following is important for developing early reading skills in children?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Sitting quietly without interaction
	<input checked="" type="checkbox"/> 2. Repeated exposure to printed letters and words
	<input checked="" type="checkbox"/> 3. Memorising multiplication tables
	<input checked="" type="checkbox"/> 4. Watching cartoons silently

Question ID :	4410091080463
Option 1 ID :	4410094259091
Option 2 ID :	4410094259093
Option 3 ID :	4410094259090
Option 4 ID :	4410094259092

<b>Q.3</b>	<b>By using open-ended exercises that require students to make their charts and models, what does a teacher hope to achieve?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Active learning and creative thinking
	<input checked="" type="checkbox"/> 2. Repeated memorisation and recall
	<input checked="" type="checkbox"/> 3. Observation and passive listening
	<input checked="" type="checkbox"/> 4. Strict adherence to textbook answers

Question ID :	4410091127846
Option 1 ID :	4410094446942
Option 2 ID :	4410094446940
Option 3 ID :	4410094446941
Option 4 ID :	4410094446943

<b>Q.4</b>	<b>Which type of discipline uses the knowledge of basic disciplines for practical applications?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Philosophical discipline
	<input checked="" type="checkbox"/> 2. Applied discipline
	<input checked="" type="checkbox"/> 3. Basic discipline
	<input checked="" type="checkbox"/> 4. Abstract discipline

Question ID :	4410091129653
Option 1 ID :	4410094454113
Option 2 ID :	4410094454111
Option 3 ID :	4410094454110
Option 4 ID :	4410094454112

<b>Q.5</b>	<b>Which of the following best describes the concept of scaffolding in learning?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Giving direct answers quickly to prevent frustration
	<input checked="" type="checkbox"/> 2. Letting children work completely alone without any guidance
	<input checked="" type="checkbox"/> 3. Offering short-term help to complete slightly difficult tasks
	<input checked="" type="checkbox"/> 4. Using printed worksheets as the only learning method

Question ID :	4410091080452
Option 1 ID :	4410094259048
Option 2 ID :	4410094259046
Option 3 ID :	4410094259047
Option 4 ID :	4410094259049

<b>Q.6</b>	<b>Which learning theory emphasizes learning through stimulus-response associations?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Behaviourism
	<input type="checkbox"/> 2. Constructivism
	<input type="checkbox"/> 3. Cognitive
	<input type="checkbox"/> 4. Humanistic

Question ID :	4410091124779
Option 1 ID :	4410094434664
Option 2 ID :	4410094434666
Option 3 ID :	4410094434665
Option 4 ID :	4410094434667

<b>Q.7</b>	<b>Rubrics can help students learn by_____.</b>
<b>Ans</b>	<input type="checkbox"/> 1. only giving students grades
	<input checked="" type="checkbox"/> 2. giving them feedback on their strengths and weaknesses
	<input type="checkbox"/> 3. letting them grade themselves
	<input type="checkbox"/> 4. not caring about creativity

Question ID :	4410091127449
Option 1 ID :	4410094445350
Option 2 ID :	4410094445349
Option 3 ID :	4410094445348
Option 4 ID :	4410094445351

<b>Q.8</b>	<b>_____ is a system of society or government in which the father or the eldest male is the head of the family and descent is reckoned through the male line.</b>
<b>Ans</b>	<input type="checkbox"/> 1. Diarchy
	<input type="checkbox"/> 2. Matriarchy
	<input type="checkbox"/> 3. Monarchy
	<input checked="" type="checkbox"/> 4. Patriarchy

Question ID :	4410091074647
Option 1 ID :	4410094236057
Option 2 ID :	4410094236056
Option 3 ID :	4410094236058
Option 4 ID :	4410094236055

<b>Q.9</b>	<b>Which type of visual impairment, according to inclusive education standards, applies to a child who can see partially?</b>
<b>Ans</b>	<input checked="" type="checkbox"/> 1. Low vision within the blindness range
	<input type="checkbox"/> 2. Completely blind
	<input type="checkbox"/> 3. Fully sighted with a few minor problems
	<input type="checkbox"/> 4. Impaired hearing

Question ID :	4410091126903
Option 1 ID :	4410094443169
Option 2 ID :	4410094443168
Option 3 ID :	4410094443170
Option 4 ID :	4410094443171

Q.1	What is the advantage of being multilingual?
0	
Ans	<input type="checkbox"/> 1. Communication is overly complicated
	<input type="checkbox"/> 2. An enormous volume of published documents is available
	<input checked="" type="checkbox"/> 3. More employment options
	<input type="checkbox"/> 4. Ancient texts are available

Question ID :	4410091130311
Option 1 ID :	4410094456731
Option 2 ID :	4410094456729
Option 3 ID :	4410094456728
Option 4 ID :	4410094456730

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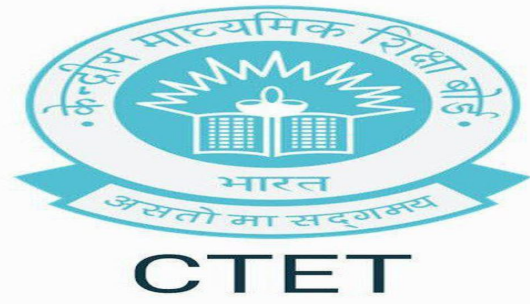
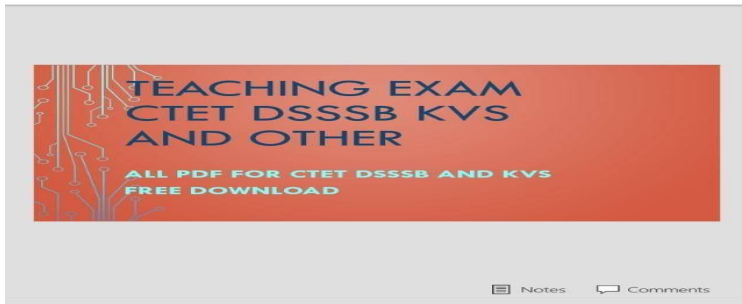
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