

Q.9 AB is the diameter of a circle with centre O. C and D are two points on the circle on either side of AB, such that $\angle CAB = 52^\circ$ and $\angle ABD = 47^\circ$. What is the difference (in degrees) between the measures of $\angle CAD$ and $\angle CBD$?

- Ans**
- 1. 10
 - 2. 15
 - 3. 25
 - 4. 20

Question ID : 65497842932
Status : Answered
Chosen Option : 1

Q.10 What is the sum of the numbers between 400 and 500 such that when they are divided by 6, 12 and 16, it leaves no remainder?

- Ans**
- 1. 480
 - 2. 1024
 - 3. 960
 - 4. 912

Question ID : 65497842818
Status : Answered
Chosen Option : 4

Q.11 If a nine-digit number $485x3678y$ is divisible by 72, then for the smallest value of x, the value of $(2y - 3x)$ is:

- Ans**
- 1. 6
 - 2. 9
 - 3. 11
 - 4. 8

Question ID : 65497844231
Status : Answered
Chosen Option : 4

Q.12 If $x^4 - 79x^2 + 1 = 0$, then a value of $x + x^{-1}$ can be:

- Ans**
- 1. 9
 - 2. 5
 - 3. 7
 - 4. 8

Question ID : 65497842728
Status : Answered
Chosen Option : 1

- Q.13** The given pie chart shows the percentage of students in five schools and the table shows the ratio of boys and girls in each school.
Study the pie chart and table and answer the question that follows.



The below table shows the ratio of girls and boys in the given five schools.

School	Girls : Boys
A	3 : 4
B	2 : 3
C	5 : 3
D	1 : 2
E	4 : 1

The number of girls in school D is what percentage less than the number of boys in school B (correct to the nearest integer)?

- Ans**
- 1. 35%
 - 2. 19%
 - 3. 27%
 - 4. 33%

Question ID : **65497844355**
Status : **Answered**
Chosen Option : **4**

- Q.14** In the month of March, Dalip earned on an average ₹501 per day. For the first 18 days, his average earning was ₹495 and, for the last 15 days, his average earning was ₹505. On 18th March, he earned ₹50 more than that earned on 17th March. How much (in ₹) did he earn on 18th March?

- Ans**
- 1. 502
 - 2. 498
 - 3. 501
 - 4. 500

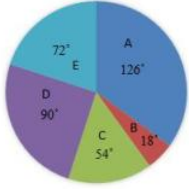
Question ID : **65497843729**
Status : **Answered**
Chosen Option : **1**

- Q.15** A and B entered into a partnership with investments in the ratio 3 : 5. After a few months, A withdrew and collected back his money. At the end of the year, they received profit in the ratio 2 : 5. After how many months did A withdraw?

- Ans**
- 1. 7
 - 2. 9
 - 3. 8
 - 4. 6

Question ID : **65497842218**
Status : **Answered**
Chosen Option : **3**

Q.16 The breakup of the total number of employees of a company working in different offices (A to E), in degrees, is given in the pie chart. Total number of employees = 2400.



If the percentage of male employees in office C is 20% and that of female employees in E is 40%, then what is the ratio of the numbers of female employees in E to that of female employees in C?

- Ans**
- 1. 3 : 8
 - 2. 5 : 4
 - 3. 2 : 3
 - 4. 3 : 2

Question ID : 65497842839

Status : Answered

Chosen Option : 3

Q.17 Two trains are running on parallel tracks in the same direction at the speed of 80 km/h and 90 km/h, respectively. The trains crossed each other in 3 minutes. If the length of one train is 230 m, then what is the length (in m) of the other train?

- Ans**
- 1. 270
 - 2. 250
 - 3. 230
 - 4. 300

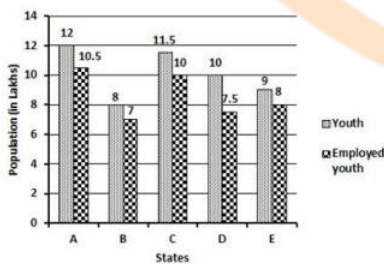
Question ID : 65497842221

Status : Answered

Chosen Option : 1

Q.18 The following bar graph shows the total number of youth (in lakhs) and the number of employed youth (in lakhs) in 5 states A, B, C, D and E.

How many youth (in lakhs) are unemployed in states B and D taken together?



- Ans**
- 1. 4.25
 - 2. 4.5
 - 3. 3.5
 - 4. 3.25

Question ID : 65497842434

Status : Answered

Chosen Option : 3

Q.19 A person's salary was increased by 50% and subsequently decreased by 50%. How much percentage does he lose or gain?

- Ans**
- ✓ 1. Loss of 25%
 - ✗ 2. Gain of 50%
 - ✗ 3. Loss of 30%
 - ✗ 4. Gain of 20%

Question ID : 65497844236
Status : Answered
Chosen Option : 1

Q.20 If $\frac{\sin^2\theta - 3\sin\theta + 2}{\cos^2\theta} = 1$, where $0^\circ < \theta < 90^\circ$, then what is the value of $(\cos 2\theta - \sin 3\theta + \operatorname{cosec} 2\theta)$?

- Ans**
- ✗ 1. $\frac{-3 - 4\sqrt{3}}{6}$
 - ✓ 2. $\frac{-3 + 4\sqrt{3}}{6}$
 - ✗ 3. $\frac{3 + 4\sqrt{3}}{6}$
 - ✗ 4. $\frac{3 - 4\sqrt{3}}{6}$

Question ID : 65497842735
Status : Answered
Chosen Option : 2

Q.21 AB and CD are two chords in a circle with centre O and AD is the diameter. When produced, AB and CD meet at the point P. If $\angle DAP = 27^\circ$, $\angle APD = 35^\circ$, then what is the measure (in degrees) of $\angle DBC$?

- Ans**
- ✓ 1. 28
 - ✗ 2. 26
 - ✗ 3. 30
 - ✗ 4. 32

Question ID : 65497844246
Status : Answered
Chosen Option : 1

Q.22 A shopkeeper marks an article $x\%$ above the cost price and sells it by allowing 30% discount on the marked price. If there is a loss of 4.8%, then what is the value of x ?

- Ans**
- 1. 30
 - 2. 40
 - 3. 36
 - 4. 35

Question ID : 65497844662
Status : Answered
Chosen Option : 3

Q.23 Simplify $\left[\left(5\frac{1}{4} \div 3\frac{1}{2} \times \frac{5}{12}\right) - \frac{3}{16}\right] \div \left(3\frac{4}{7} \div \frac{5}{14} \text{ of } 6\frac{2}{3}\right) \text{ of } 1\frac{1}{3}$.

- Ans**
- 1. $\frac{5}{32}$
 - 2. $\frac{17}{32}$
 - 3. $\frac{3}{32}$
 - 4. $\frac{7}{32}$

Question ID : 65497842819
Status : Answered
Chosen Option : 4

Q.24 A ladder 18 m long rests against a wall so that the angle between the ladder and the wall is 30° . How far (in m) is the base of the ladder from the wall?

- Ans**
- 1. 18
 - 2. $9\sqrt{3}$
 - 3. 9
 - 4. $18\sqrt{3}$

Question ID : 65497842837
Status : Answered
Chosen Option : 3

Q.25 Study the graph and answer the question that follows.



What is the ratio of the total number of workers whose daily wages are less than ₹450 to the total number of workers whose daily wages are ₹650 and above?

- Ans
- 1. 3 : 5
 - 2. 1 : 4
 - 3. 6 : 7
 - 4. 5 : 7

Question ID : 65497842942
Status : Answered
Chosen Option : 3

Section : English Comprehension

Q.1 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I do not / like to read / these kind / of novels.

- Ans
- 1. I do not
 - 2. these kind
 - 3. of novels
 - 4. like to read

Question ID : 65497842946
Status : Answered
Chosen Option : 2

Q.2 Select the most appropriate meaning of the given idiom.

Feast one's eyes on

- Ans
- 1. Arrange a delicious meal
 - 2. Gaze at something with pleasure
 - 3. Prepare a rare delicacy
 - 4. Notice something alarming

Question ID : 65497842964
Status : Answered
Chosen Option : 2

Q.3 Select the most appropriate synonym of the given word.

Livid

- Ans**
- 1. Closed
 - 2. Clear
 - 3. Pale
 - 4. Furious

Question ID : 65497842253
Status : Answered
Chosen Option : 2

Q.4 Select the option that expresses the given sentence in active voice.

Tall promises were being made by each promoter.

- Ans**
- 1. Each promoter has been making tall promises.
 - 2. Each promoter has made tall promises.
 - 3. Each promoter made tall promises.
 - 4. Each promoter was making tall promises.

Question ID : 65497842241
Status : Answered
Chosen Option : 4

Q.5 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement'.

You are so far the bright student in the class.

- Ans**
- 1. No improvement
 - 2. by so far the brighter
 - 3. by far the brightest
 - 4. so far most bright

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Question ID : 65497844269
Status : Answered
Chosen Option : 1

Q.6 Select the most appropriate option to fill in the blank.

Can you arrange for the consignment _____ delivered on Monday?

- Ans**
- 1. is
 - 2. being
 - 3. to be
 - 4. for being

Question ID : 65497842766
Status : Answered
Chosen Option : 3

Q.7 Select the most appropriate ANTONYM of the given word.

Proclaim

- Ans
- 1. Exhibit
 - 2. Evince
 - 3. Conceal
 - 4. Announce

Question ID : 65497842962
Status : Answered
Chosen Option : 3

Q.8 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. Expert mechanics labored over the plane for three hours.
- B. A small nut had fallen into a channel which prevented the gear from moving.
- C. A huge plane was forced to crash land when its landing gear got stuck.
- D. They were amazed when they discovered what had caused the mechanical failure.

- Ans
- 1. DBAC
 - 2. BADC
 - 3. ACBD
 - 4. CADB

Question ID : 65497842857
Status : Answered
Chosen Option : 4

Q.9 Select the most appropriate meaning of the given idiom.

Cold comfort

- Ans
- 1. Unbearable weather
 - 2. Enjoyment in the hills
 - 3. Very soothing
 - 4. Very little satisfaction

Question ID : 65497844276
Status : Answered
Chosen Option : 4

Q.10 Select the most appropriate synonym of the given word.

Amusement

- Ans
- 1. Pleasure
 - 2. Gloom
 - 3. Boredom
 - 4. Despair

Question ID : 65497842858
Status : Answered
Chosen Option : 1

Q.11 Select the option that can be used as a one-word substitute for the given group of words.

Policy of racial discrimination

- Ans**
- 1. Non-alignment
 - 2. Diplomacy
 - 3. Commonwealth
 - 4. Apartheid

Question ID : **65497842764**
Status : **Answered**
Chosen Option : **4**

Q.12 Select the option that expresses the given sentence in indirect speech.

He said to me, "Do you own this beautiful car?"

- Ans**
- 1. He asked to me if you own that beautiful car.
 - 2. He asked me did I own that beautiful car.
 - 3. He asked me if I owned that beautiful car.
 - 4. He asked me that if you owned this beautiful car.

Question ID : **65497842955**
Status : **Answered**
Chosen Option : **3**

Q.13 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Shall / we go / for walking / in the park?

- Ans**
- 1. Shall
 - 2. in the park
 - 3. we go
 - 4. for walking

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Question ID : **65497843044**
Status : **Answered**
Chosen Option : **4**

Q.14 Select the option that expresses the given sentence in passive voice.

She is looking after the old ladies with great affection.

- Ans**
- 1. She is looked after with great affection by the old ladies.
 - 2. The old ladies are looked after with great affection.
 - 3. The old ladies were looked after with great affection.
 - 4. The old ladies are being looked after with great affection.

Question ID : **65497842846**
Status : **Answered**
Chosen Option : **4**

Q.15 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement'.

We had to undergo a great many difficulties.

- Ans
- 1. No improvement
 - 2. a great many difficulty
 - 3. great many difficulties
 - 4. much great difficulties

Question ID : 65497842856
Status : Answered
Chosen Option : 3

Q.16 Select the option that can be used as a one-word substitute for the given group of words.

A person who works in a shop that sells cut flowers and plants

- Ans
- 1. Dealer
 - 2. Vendor
 - 3. Hawker
 - 4. Florist

Question ID : 65497842258
Status : Answered
Chosen Option : 4

Q.17 Select the INCORRECTLY spelt word.

- Ans
- 1. Alphabet
 - 2. Allergic
 - 3. Altarnate
 - 4. Allotted

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Question ID : 65497842260
Status : Answered
Chosen Option : 3

Q.18 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Vivek should be excited / on the promotion / he's got.

- Ans
- 1. No error
 - 2. on the promotion
 - 3. Vivek should be excited
 - 4. he's got

Question ID : 65497843549
Status : Marked For Review
Chosen Option : 2

Q.19 The following sentence has been split into segments. One of them may contain an error. Identify the segment that contains a grammatical error. If you don't find any error, mark 'No error' as your answer.

Among you and me / she is quite rude / to the boy.

- Ans**
- 1. to the boy
 - 2. she is quite rude
 - 3. Among you and me
 - 4. No error

Question ID : 65497842238
Status : Answered
Chosen Option : 3

Q.20 Select the most appropriate ANTONYM of the given word.

Refined

- Ans**
- 1. Miserly
 - 2. Crude
 - 3. Precise
 - 4. Genteel

Question ID : 65497844274
Status : Answered
Chosen Option : 2

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dance as an artistic form of (1) _____ is extremely old. Evidence of dance as a (2) _____ form is available in ancient literary texts, painting and sculpture. (3) _____ of the dance forms trace their roots to the (4) _____ of movement codified in the Natya Shastra (5) _____ by Bharat Muni.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no.1.

- Ans**
- 1. succession
 - 2. suggestion
 - 3. expression
 - 4. impression

Question ID : 65497842748
Status : Answered
Chosen Option : 3

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dance as an artistic form of (1) _____ is extremely old. Evidence of dance as a (2) _____ form is available in ancient literary texts, painting and sculpture. (3) _____ of the dance forms trace their roots to the (4) _____ of movement codified in the Natya Shastra (5) _____ by Bharat Muni.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no.2.

- Ans**
- 1. creating
 - 2. creative
 - 3. created
 - 4. creation

Question ID : 65497842749

Status : Answered

Chosen Option : 2

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dance as an artistic form of (1) _____ is extremely old. Evidence of dance as a (2) _____ form is available in ancient literary texts, painting and sculpture. (3) _____ of the dance forms trace their roots to the (4) _____ of movement codified in the Natya Shastra (5) _____ by Bharat Muni.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no.3.

- Ans**
- 1. More
 - 2. Much
 - 3. Any
 - 4. Many

Question ID : 65497842750

Status : Answered

Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dance as an artistic form of (1) _____ is extremely old. Evidence of dance as a (2) _____ form is available in ancient literary texts, painting and sculpture. (3) _____ of the dance forms trace their roots to the (4) _____ of movement codified in the Natya Shastra (5) _____ by Bharat Muni.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no.4.

- Ans**
- 1. capacity
 - 2. techniques
 - 3. procedure
 - 4. delivery

Question ID : 65497842751

Status : Answered

Chosen Option : 2

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dance as an artistic form of (1) _____ is extremely old. Evidence of dance as a (2) _____ form is available in ancient literary texts, painting and sculpture. (3) _____ of the dance forms trace their roots to the (4) _____ of movement codified in the Natya Shastra (5) _____ by Bharat Muni.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no.5.

- Ans**
- 1. captured
 - 2. disbursed
 - 3. dispersed
 - 4. compiled

Question ID : **65497842752**

Status : **Answered**

Chosen Option : **4**



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