







































**Q.11** A car covers a distance of 90 km in 50 min. What is its speed (in m/s)?

- Ans**
- 1. 60
  - 2. 90
  - 3. 108
  - 4. 30

Question ID : **65497843231**  
Status : **Answered**  
Chosen Option : **4**

**Q.12** The compound interest on a certain sum of money at 21% p.a. for 2 years is ₹11,138.40 (interest compounded yearly).  
The total amount received (in ₹) after 2 years is:

- Ans**
- 1. 31,538.40
  - 2. 24,000.50
  - 3. 35,138.40
  - 4. 28,315.40

Question ID : **65497842522**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : **--**

**Q.13** A 20 m long ladder rests against a wall so that the angle between the ladder and the wall is  $30^\circ$ . How far (in m) is the base of the ladder from the wall?

- Ans**
- 1.  $10\sqrt{3}$
  - 2.  $20\sqrt{3}$
  - 3. 20
  - 4. 10

Question ID : **65497843039**  
Status : **Answered**  
Chosen Option : **2**

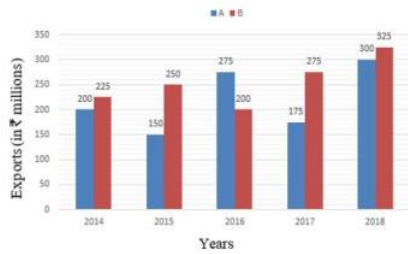
**Q.14** A and B had a joint business in which A invested ₹60,000 in the business for one year. After 3 months B invested ₹80,000. At the beginning of the second year, A invested ₹30,000 more and B withdrew ₹5,000. At the end of two years, profit earned by A is ₹35,880. What is the profit (in ₹) earned by B, if they distributed half of the total profit equally and rest in the capital ratio?

- Ans**
- 1. 69,920
  - 2. 38,060
  - 3. 34,040
  - 4. 58,940

Question ID : **65497843228**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : **--**

**Q.15** Study the given bar graph and answer the question that follows.

The bar graph shows the exports of cars of type A and B (in ₹ millions) from 2014 to 2018.



The total exports of cars of type B from 2015 to 2018 is what percentage more than the total exports of cars of type A from 2015 to 2018 (correct to one decimal place)?

- Ans**
- 1. 17.2%
  - 2. 15.5%
  - 3. 14.9%
  - 4. 16.7%

Question ID : 65497842535  
Status : Answered  
Chosen Option : 4

**Q.16** Two similar jugs have their heights of 8 cm and 12 cm, respectively. If the capacity of the smaller jug is  $80 \text{ cm}^3$ , what is the capacity of the bigger jug (in  $\text{cm}^3$ )?

- Ans**
- 1. 120
  - 2. 192
  - 3. 216
  - 4. 270

INDIA

Question ID : 65497843333  
Status : Answered  
Chosen Option : 1

**Q.17** The average of three numbers is 15. The average of the second and the third number is 12.5. What is the first number?

- Ans**
- 1. 18
  - 2. 21
  - 3. 24
  - 4. 20

Question ID : 65497843325  
Status : Answered  
Chosen Option : 4

Q.18 If  $\cos B = \frac{5}{7}$ , what is the value of  $\operatorname{cosec} B + \cot B$ ? Given that  $0 < B < \frac{\pi}{2}$

Ans

- 1.  $\frac{5}{\sqrt{6}}$
- 2.  $\frac{\sqrt{6}}{12}$
- 3.  $\frac{7}{\sqrt{6}}$
- 4.  $\sqrt{6}$

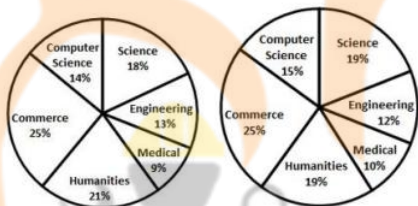
Question ID : 65497844149

Status : Answered

Chosen Option : 4

Q.19 The following pie-charts show the number of students studying in different departments of an institute during the academic years 2019 and 2020. The total number of students was 2000 and 2400, respectively, in academic years 2019 and 2020.

What is the ratio of the number of students studying science in the year 2019 to that in the year 2020?



Academic Year 2019

Academic Year 2020

Ans

- 1. 18 : 19
- 2. 20 : 21
- 3. 15 : 19
- 4. 14 : 15

Question ID : 65497843446

Status : Answered

Chosen Option : 2

**Q.20** If  $\cos 53^\circ = \frac{x}{y}$ , then  $\sec 53^\circ + \cot 37^\circ$  is equal to:

**Ans**

1.  $\frac{x + \sqrt{y^2 - x^2}}{y}$

2.  $\frac{x + \sqrt{y^2 - x^2}}{x}$

3.  $\frac{y + \sqrt{y^2 - x^2}}{x}$

4.  $\frac{y + \sqrt{y^2 - x^2}}{y}$

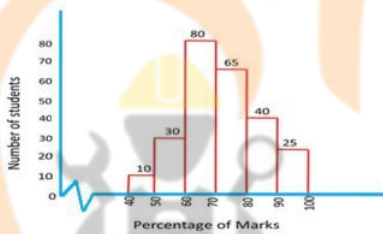
Question ID : 65497843239

Status : Answered

Chosen Option : 3

**Q.21** Study the given histogram and answer the question that follows.

The histogram represents the percentage of marks obtained by a number of students of a school in the class X Board Examination in 2018. The total number of students = 250.



The number of students who have obtained less than 50% marks is approximately what percentage less than the number of students who have obtained 90% marks and above?

**Ans**  1. 75%

2. 60%

3. 80%

4. 40%

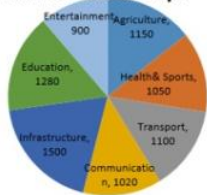
Question ID : 65497842538

Status : Answered

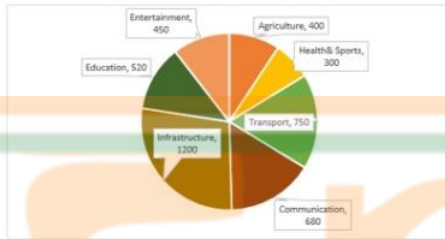
Chosen Option : 2

**Q.22** The given pie charts show the number of start-ups in various industries since 2010 and the number of successful start-ups in those industries.  
Study the charts and answer the question that follows.  
Start-ups in various industries started since 2010

**Number of Start-ups**

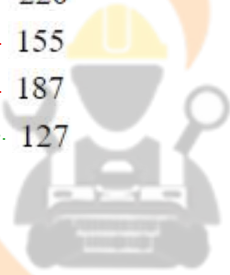


**Successful start-ups in various industries**



What should be the increase in the number (to the nearest integer) of successful start-ups in the industry of Health & Sports, so that its success percentage is the same as that of Education?

- Ans**
- 1. 220
  - 2. 155
  - 3. 187
  - 4. 127



Question ID : **65497843041**  
Status : **Not Answered**  
Chosen Option : --

**Q.23** If  $8A5146B$  is divisible by 88, then what is the value of  $A^B$  ?

- Ans**
- 1. 27
  - 2. 64
  - 3. 81
  - 4. 12

Question ID : **65497842615**  
Status : **Not Answered**  
Chosen Option : --

**Q.24** X, Y and Z can complete a piece of work in 46 days, 92 days and 23 days, respectively. X started the work. Y joined him after 7 days. If Z joined them after 8 days from the beginning, then for how many days did Y work?

Ans

1.  $12\frac{5}{7}$

2.  $11\frac{5}{7}$

3.  $10\frac{5}{7}$

4.  $9\frac{5}{7}$

Question ID : 65497844139

Status : Answered

Chosen Option : 1

**Q.25** What is the simplified value of the following?

$$\frac{9 \div \frac{3}{7} \text{ of } (9 + 6 \times \overline{4 - 2}) + \left[ \frac{1}{5} \div \frac{7}{25} - \left\{ \frac{5}{8} + \frac{6}{16} \right\} \right]}{24 \div 16 - 10 + 36 \div (5 + 20 \div 4 - 1)}$$

Ans

1.  $\frac{40}{7}$

2.  $\frac{5}{56}$

3.  $\frac{7}{40}$

4.  $\frac{51}{56}$

Question ID : 65497843021

Status : Answered

Chosen Option : 3

Section : English Comprehension

**Q.1** The following sentence has been divided into parts. One of them may contain a grammatical 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.

This park is / the largest bird sanctuary / in the State.

Ans  1. the largest bird sanctuary

2. This park is

3. No error

4. in the State

Question ID : 65497842337

Status : Answered

Chosen Option : 3

**Q.2** Select the most appropriate synonym of the given word.

**Monotonous**

- Ans**  1. Boring  
 2. Compulsory  
 3. Eventful  
 4. Momentous

Question ID : **65497843263**  
Status : **Answered**  
Chosen Option : **1**

**Q.3** Select the most appropriate meaning of the given idiom.

**To hold water**

- Ans**  1. To be valid and reasonable  
 2. To be unsteady and unsure  
 3. To be large and deep  
 4. To be sad and depressed

Question ID : **65497842560**  
Status : **Answered**  
Chosen Option : **4**

**Q.4** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I asked my friend / where had he / learnt to dance / so well.

- Ans**  1. where had he  
 2. learnt to dance  
 3. I asked my friend  
 4. so well

**INDIA**

Question ID : **65497842542**  
Status : **Answered**  
Chosen Option : **2**

**Q.5** Select the correct passive voice form of the given sentence.

**The Chief Minister inaugurated the new hospital.**

- Ans**  1. I will be assigning a new project to my manager.  
 2. My manager is assigning me a new project.  
 3. My manager has assigned me a new project.  
 4. I am being assigned a new project by my manager.

Question ID : **65497843251**  
Status : **Not Answered**  
Chosen Option : **--**



**Q.6** Select the option that can be used as a one-word substitute for the given group of words.

**A style of cooking food, characteristic of a particular country or region**

- Ans**
- 1. Creche
  - 2. Antique
  - 3. Menu
  - 4. Cuisine

Question ID : 65497843268  
Status : Answered  
Chosen Option : 4

**Q.7** Select the most appropriate meaning of the given idiom.

**Play with fire**

- Ans**
- 1. To be courageous
  - 2. To spread knowledge
  - 3. To do something dangerous
  - 4. To fight an opponent

Question ID : 65497842660  
Status : Answered  
Chosen Option : 3

**Q.8** Select the most appropriate synonym of the given word.

**Abandon**

- Ans**
- 1. Possess
  - 2. Retain
  - 3. Rescue
  - 4. Quit

**INDIA**

Question ID : 65497843060  
Status : Answered  
Chosen Option : 4

**Q.9** 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.

**Shamim have not / attended school / for four days now.**

- Ans**
- 1. attended school
  - 2. for four days now
  - 3. Shamim have not
  - 4. No error

Question ID : 65497844357  
Status : Answered  
Chosen Option : 3

**Q.10** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

The dress may pleasantly be delivered to us at the earliest.

- Ans**
- 1. No substitution required
  - 2. may kindly
  - 3. might kindly
  - 4. must pleasantly

Question ID : 65497843058  
Status : Answered  
Chosen Option : 2

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

Unable to express feelings clearly

- Ans**
- 1. Inarticulate
  - 2. Affluent
  - 3. Eloquent
  - 4. Verbose

Question ID : 65497844178  
Status : Answered  
Chosen Option : 1

**Q.12** Select the most appropriate ANTONYM of the given word.

Constrict

- Ans**
- 1. Smite
  - 2. Choke
  - 3. Stretch
  - 4. Cramp

INDIA

Question ID : 65497842658  
Status : Answered  
Chosen Option : 3

**Q.13** Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Since setting up, the charity has raised a million dollars.

- Ans**
- 1. Since being set up
  - 2. From setting up
  - 3. Since setting
  - 4. No improvement required

Question ID : 65497842653  
Status : Answered  
Chosen Option : 1

Q.14 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. For example, the sound of footsteps followed by the slam of a door are like phrases which convey some information.
- B. In films, sound effects play the part of words.
- C. We then know who is performing an action and why, and a clear picture is formed in our mind's eye.
- D. Once the sounds are prefaced or followed by a dialogue, the sentence is complete.

- Ans
- 1. DCBA
  - 2. CBDA
  - 3. BCDA
  - 4. BADC

Question ID : 65497843059  
Status : Answered  
Chosen Option : 4

Q.15 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I was angry / on myself / for making / such a silly mistake.

- Ans
- 1. such a silly mistake
  - 2. for making
  - 3. on myself
  - 4. I was angry

Question ID : 65497843248  
Status : Answered  
Chosen Option : 3

Q.16 Select the most appropriate option to fill in the blank.

\_\_\_\_\_ or not you allow me, I am going to the fair.

- Ans
- 1. Whether
  - 2. Unless
  - 3. If
  - 4. Until

Question ID : 65497844180  
Status : Answered  
Chosen Option : 3

Q.17 Select the option that expresses the given sentence in passive voice.

Can you carry my bag upstairs?

- Ans
- 1. Was my bag carried upstairs by you?
  - 2. Could your bag be carried upstairs by me?
  - 3. Can my bag be carried upstairs by you?
  - 4. Can your bag be carried upstairs by me?

Question ID : 65497843048  
Status : Answered  
Chosen Option : 3

**Q.18 Select the most appropriate ANTONYM of the given word.**

**Taut**

- Ans**  1. Tight  
 2. Solid  
 3. Strong  
 4. Slack

Question ID : 65497842558  
Status : Answered  
Chosen Option : 4

**Q.19 Select the option that expresses the given sentence in direct speech.**

**She asked me what my favourite cuisine was.**

- Ans**  1. She said to me, "What is your favourite cuisine?"  
 2. She said to me, "What my favourite cuisine is?"  
 3. She said to me, "What is my favourite cuisine?"  
 4. She said to me, "What your favourite cuisine was?"

Question ID : 65497842551  
Status : Answered  
Chosen Option : 1

**Q.20 Select the INCORRECTLY spelt word.**

- Ans**  1. Disturbence  
 2. Genius  
 3. Opportunity  
 4. Conscious

INDIA

Question ID : 65497843270  
Status : Answered  
Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Pollution is destroying nature. The smoke that is (1) \_\_\_\_\_ from the chimneys of the factories, and from vehicles is the mixture of poisonous gases. Due to environmental pollution, there is (2) \_\_\_\_\_ in nature, so, many birds, animals, and plants are on the verge of (3) \_\_\_\_\_ day by day. The only way to (4) \_\_\_\_\_ environmental pollution is to plant many trees. By planting trees, we can get rid of many harmful poisonous gases. It is the responsibility of everyone to (5) \_\_\_\_\_ and protect our environment.

**SubQuestion No : 21**

**Q.21 Select the most appropriate option for blank 1.**

- Ans**  1. generated  
 2. absorbed  
 3. created  
 4. emitted

Question ID : 65497844162  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Pollution is destroying nature. The smoke that is (1) \_\_\_\_\_ from the chimneys of the factories, and from vehicles is the mixture of poisonous gases. Due to environmental pollution, there is (2) \_\_\_\_\_ in nature, so, many birds, animals, and plants are on the verge of (3) \_\_\_\_\_ day by day. The only way to (4) \_\_\_\_\_ environmental pollution is to plant many trees. By planting trees, we can get rid of many harmful poisonous gases. It is the responsibility of everyone to (5) \_\_\_\_\_ and protect our environment.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option for blank 2.**

- Ans**  1. an imbalance  
 2. a difference  
 3. an inequality  
 4. a balance

Question ID : 65497844163

Status : Answered

Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Pollution is destroying nature. The smoke that is (1) \_\_\_\_\_ from the chimneys of the factories, and from vehicles is the mixture of poisonous gases. Due to environmental pollution, there is (2) \_\_\_\_\_ in nature, so, many birds, animals, and plants are on the verge of (3) \_\_\_\_\_ day by day. The only way to (4) \_\_\_\_\_ environmental pollution is to plant many trees. By planting trees, we can get rid of many harmful poisonous gases. It is the responsibility of everyone to (5) \_\_\_\_\_ and protect our environment.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option for blank 3.**

- Ans**  1. survival  
 2. distinction  
 3. appearance  
 4. extinction

Question ID : 65497844164

Status : Answered

Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Pollution is destroying nature. The smoke that is (1) \_\_\_\_\_ from the chimneys of the factories, and from vehicles is the mixture of poisonous gases. Due to environmental pollution, there is (2) \_\_\_\_\_ in nature, so, many birds, animals, and plants are on the verge of (3) \_\_\_\_\_ day by day. The only way to (4) \_\_\_\_\_ environmental pollution is to plant many trees. By planting trees, we can get rid of many harmful poisonous gases. It is the responsibility of everyone to (5) \_\_\_\_\_ and protect our environment.

**SubQuestion No : 24**

**Q.24** Select the most appropriate option for blank 4.

- Ans** ✓ 1. eradicate  
✗ 2. sustain  
✗ 3. radiate  
✗ 4. introduce

Question ID : 65497844165

Status : Answered

Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Pollution is destroying nature. The smoke that is (1) \_\_\_\_\_ from the chimneys of the factories, and from vehicles is the mixture of poisonous gases. Due to environmental pollution, there is (2) \_\_\_\_\_ in nature, so, many birds, animals, and plants are on the verge of (3) \_\_\_\_\_ day by day. The only way to (4) \_\_\_\_\_ environmental pollution is to plant many trees. By planting trees, we can get rid of many harmful poisonous gases. It is the responsibility of everyone to (5) \_\_\_\_\_ and protect our environment.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option for blank 5.

- Ans** ✗ 1. ruin  
✓ 2. preserve  
✗ 3. destroy  
✗ 4. neglect

Question ID : 65497844166

Status : Not Answered

Chosen Option : --