

# SSC CGL Tier-I

Previous Year Paper  
27 Jul 2023 Shift 3



Combined Graduate level Examination 2023 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	27/07/2023
Exam Time	2:30 PM - 3:30 PM
Subject	Combined Graduate Level Examination Tier I 2023

Section : General Intelligence and Reasoning

Q.1 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

19 : 34 :: 5 : 6 :: 27 : ?

Ans ☒ 1. 50

☐ 2. 67

☐ 3. 52

☐ 4. 63

Question ID : 26433082443

Status : Answered

Chosen Option : 1

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

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits.)

(4, 3, 16)

(6, 4, 28)

Ans ☐ 1. (5, 2, 49)

☒ 2. (8, 2, 20)

☐ 3. (8, 1, 18)

☐ 4. (3, 2, 12)

Question ID : 26433069235

Status : Answered

Chosen Option : 2

Q.3 Which two signs should be interchanged to make the given equation correct?

$171 \div 3 - 16 + 72 \times 412 = 572$

Ans ☒ 1.  $\times$  and  $-$

☐ 2.  $\div$  and  $-$

☐ 3.  $\div$  and  $+$

☐ 4.  $-$  and  $+$

Question ID : 264330132498

Status : Answered

Chosen Option : 1

**Q.4** Three of the following four letter-clusters are alike in a certain way and one is different.  
Pick the odd one out.

- Ans ☒ 1. EBV  
☒ 2. GET  
☒ 3. BYY  
☒ 4. JGQ

Question ID : 26433092561  
 Status : Answered  
 Chosen Option : 2

**Q.5** Which two signs should be interchanged to make the given equation correct?  
 $17 \times 4 + 6 \div 2 - 27 = 92$

- Ans ☒ 1. + and  $\times$   
☒ 2.  $\div$  and  $\times$   
☒ 3. + and -  
☒ 4.  $\div$  and +

Question ID : 264330129778  
 Status : Answered  
 Chosen Option : 3

**Q.6** Which letter-cluster will replace the question mark (?) to complete the given series?  
 PQST, TOVS, ?, BKBQ, FIEP

- Ans ☒ 1. XMYR  
☒ 2. XYRM  
☒ 3. YNZQ  
☒ 4. XNYQ

Question ID : 26433076667  
 Status : Answered  
 Chosen Option : 1

**Q.7** 'E + B' means 'E is the husband of B'  
 'E - B' means 'E is the daughter of B'  
 'E \$ B' means 'E is the father of B'  
 'E # B' means 'E is the mother of B'  
 If 'N + D # Z \$ B', then how is N related to B?

- Ans ☒ 1. N is the paternal grandfather of B  
☒ 2. N is the mother-in-law of B  
☒ 3. N is the paternal grandmother of B  
☒ 4. N is the maternal grandmother of B

Question ID : 264330102510  
 Status : Answered  
 Chosen Option : 1

**Q.8** In this question, three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follows/follow from the statements.

**Statements:**

- I. Some rings are fingers.
- II. Some fingers are toes.
- III. No toe is an earring.

**Conclusions:**

- I. No earring is a ring.
- II. Some toes are rings.

**Ans** ☒ 1. Neither conclusion I nor II follows  
☐ 2. Only conclusion II follows  
☐ 3. Only conclusion I follows  
☐ 4. Both conclusions I and II follow

Question ID : 264330134925  
Status : Answered  
Chosen Option : 1

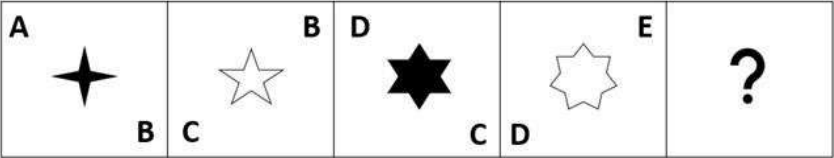
**Q.9** Select the option that represents the letters that, when placed from left to right in the following blanks, will complete the letter-series.  
S \_ U C T S R \_ \_ T \_ R U E \_ S R \_ \_ T

**Ans** ☐ 1. R U E S T V G  
☐ 2. R V D S T U F  
☒ 3. R U D S T U F  
☐ 4. R V E S T U F

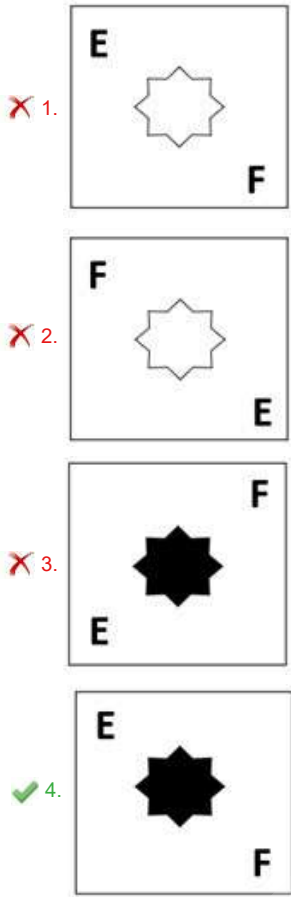
Question ID : 264330143757  
Status : Answered  
Chosen Option : 3



Q.10 Select the figure that will come in place of the question mark (?) in the following figure series.



Ans



Question ID : 26433076560  
Status : Answered  
Chosen Option : 4

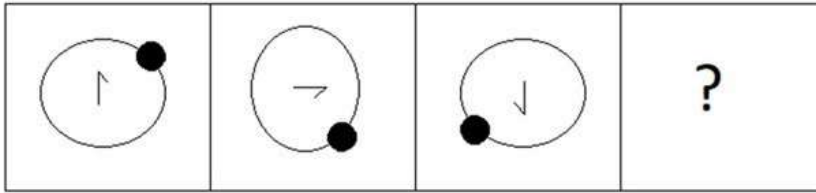
Q.11 Select the option that is related to the third word in the same way as the second word is related to the first word.  
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

India : Royal Bengal Tiger :: Australia : ?

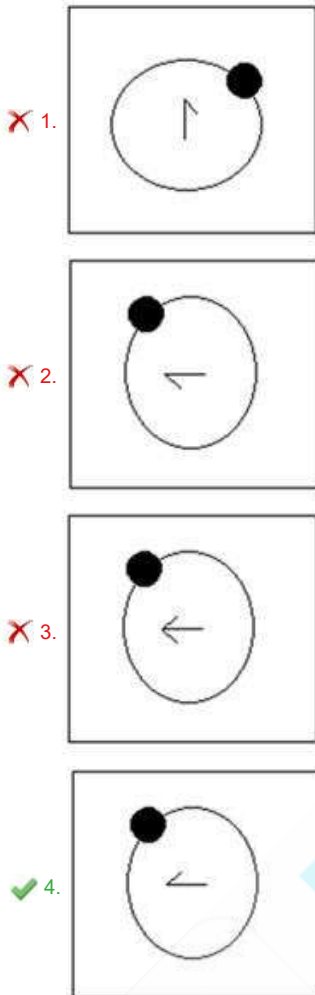
- Ans
- ☒ 1. Horse
  - ☒ 2. Dragon
  - ☒ 3. Kangaroo
  - ☒ 4. Elephant

Question ID : 26433087298  
Status : Answered  
Chosen Option : 3

Q.12 Select the figure that will come next in the following figure series.



Ans



Question ID : 26433087066  
Status : Answered  
Chosen Option : 4

Q.13 Which of the following numbers will replace the question mark (?) in the given series?  
11, 36, ?, 121, 185, 266

- Ans
- ☒ 1. 68
  - ☒ 2. 72
  - ☒ 3. 70
  - ☒ 4. 63

Question ID : 26433090935  
Status : Answered  
Chosen Option : 2

Q.14 In a certain code language, 'FARM' is coded as HDTP and 'EGGS' is coded as GJIV. How will 'FOOD' be coded in the same language?

- Ans

✗

1. HQQG

✗

2. GRQH

✓

3. HRQG

✗

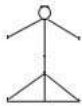
4. HQRG

Question ID : 264330129758

Status : Answered

Chosen Option : 3

Q.15 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

- ✗

1.

✗

2.

✗

3.

✓

4.

Question ID : 264330106171

Status : Answered

Chosen Option : 4

Q.16 Select the set in which the numbers are related in the same way as are the numbers of the given set.  
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)  
(13, 17, 23)  
(8, 12, 18)

- Ans

✗

1. (17, 21, 15)

✓

2. (18, 22, 28)

✗

3. (11, 15, 23)

✗

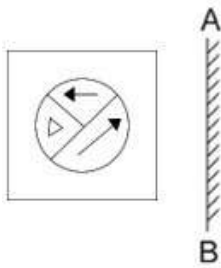
4. (5, 9, 16)

Question ID : 26433078958

Status : Answered

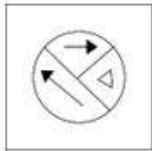
Chosen Option : 2

Q.17 Select the correct mirror image of the given figure when the mirror is placed at AB.

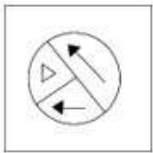


Ans

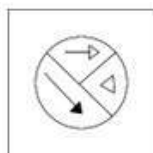
✓ 1.



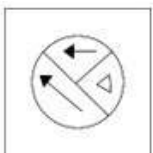
✗ 2.



✗ 3.



✗ 4.



Question ID : 264330106445  
Status : Answered  
Chosen Option : 1

Q.18 Select the correct combination of mathematical signs to sequentially replace the \* signs and balance the given equation.  
 $7 * 5 * 4 * 2 * 3 * 7$

Ans ✗ 1. +, -, +, +, x, =

✓ 2. +, -, +, -, =

✗ 3. +, +, +, +, =

✗ 4. -, +, +, x, =

Question ID : 26433068678  
Status : Answered  
Chosen Option : 2

Q.19 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter cluster.

COMFORT : FMOTRO :: DIGNITY : NGIDYTI :: FOREIGN : ?

Ans ✓ 1. EROFNGI

✗ 2. ROFNGIE

✗ 3. EROFIGN

✗ 4. EFORNGI

Question ID : 26433090882  
Status : Answered  
Chosen Option : 1



Q.20 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.  
L \_ \_ RALMT \_ \_ \_ \_ TRALM \_ R \_

- Ans
- ☒ 1. TRMALMTA
  - ☒ 2. MRTLAMTA
  - ☒ 3. MTRALMTA
  - ☒ 4. MTRLAMTA

Question ID : 26433090006  
Status : Answered  
Chosen Option : 3

Q.21 Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 26433067409  
Status : Answered  
Chosen Option : 2

**Q.22** In this question, three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follows/follow from the statements.

**Statements:**

- I. No streak is a line.
- II. Some lines are bands.
- III. All bands are flashes.

**Conclusions:**

- I. Some flashes are streaks.
- II. No flash is a line.

- Ans**
- ☒ 1. Only conclusion I follows
  - ☒ 2. Both conclusions I and II follow
  - ☒ 3. Only conclusion II follows
  - ☒ 4. Neither conclusion I nor II follows

Question ID : 26433085682

Status : Answered

Chosen Option : 4

**Q.23** 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 its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)  
(239, 127, 212)  
(96, 64, 132)

- Ans**
- ☒ 1. (262, 132, 240)
  - ☒ 2. (140, 76, 181)
  - ☒ 3. (167, 89, 178)
  - ☒ 4. (110, 91, 159)

Question ID : 26433057611

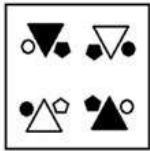
Status : Answered

Chosen Option : 3



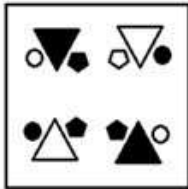
**Q.24** Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:

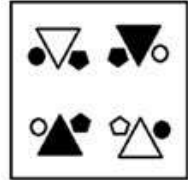


Ans

✗ 1.



✓ 2.



✗ 3.



✗ 4.



Question ID : 26433067405  
Status : Answered  
Chosen Option : 2

**Q.25** Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

HEROES : LBVLBW :: INVEST : FRZBWZ :: KIDNAP : ?

Ans

✗ 1. MUTYRS

✗ 2. LOBCSA

✓ 3. OFHRXT

✗ 4. AWSLPO

Question ID : 26433069033  
Status : Answered  
Chosen Option : 3

Section : General Awareness

**Q.1** The Shevaroy Hills are located in which state of India?

- Ans** ☒ 1. Chhattisgarh  
☒ 2. Odisha  
☒ 3. Rajasthan  
☒ 4. Tamil Nadu

Question ID : 264330120371  
 Status : Not Answered  
 Chosen Option : --

**Q.2** In India Who among the following has the power to pardon, reprieve or commute the punishment of any criminal?

- Ans** ☒ 1. Prime Minister  
☒ 2. Attorney General of India  
☒ 3. President  
☒ 4. Vice-President

Question ID : 264330113419  
 Status : Answered  
 Chosen Option : 3

**Q.3** The "Nalacharitam" play is associated with which Indian dance form?

- Ans** ☒ 1. Kathak  
☒ 2. Kathakali  
☒ 3. Sattriya  
☒ 4. Odissi

Question ID : 264330109588  
 Status : Marked For Review  
 Chosen Option : 2

**Q.4** The President of which country attended the first Republic Day celebrations of India as its chief guest?

- Ans** ☒ 1. Bhutan  
☒ 2. Indonesia  
☒ 3. China  
☒ 4. Japan

Question ID : 264330111144  
 Status : Marked For Review  
 Chosen Option : 1

**Q.5** Which of the following pair of compound – melting point is correct?

I. Acetic acid – 290K  
 II. Ethanol – 156K

- Ans** ☒ 1. Only I  
☒ 2. Both I and II  
☒ 3. Neither I nor II  
☒ 4. Only II

Question ID : 26433055760  
 Status : Answered  
 Chosen Option : 2

**Q.6** In India, what type of unemployment is created due to lack of employable skills among the educated youths in India?

- Ans ☒ 1. Structural unemployment  
☒ 2. Educated unemployment  
☒ 3. Cyclical unemployment  
☒ 4. Technological unemployment

Question ID : 264330144076  
 Status : Answered  
 Chosen Option : 4

**Q.7** Indian boxers \_\_\_\_\_ won gold medals at the 73<sup>rd</sup> Strandja Memorial Boxing Tournament, held in Sofia, Bulgaria in February 2022.

- Ans ☒ 1. Manju Rani (52 kg) and Nitu (48 kg)  
☒ 2. Nikhat Zareen (52 kg) and Nitu (48 kg)  
☒ 3. Nikhat Zareen (52 kg) and Pooja Rani (48 kg)  
☒ 4. Manju Rani (52 kg) and Pooja Rani (48 kg)

Question ID : 264330122350  
 Status : Marked For Review  
 Chosen Option : 2

**Q.8** Who was associated with the foundation of the Fergusson College?

- Ans ☒ 1. Dadabhai Naorji  
☒ 2. Gopal Krishna Gokhale  
☒ 3. Lajpat Rai  
☒ 4. Bal Gangadhar Tilak

Question ID : 264330112191  
 Status : Not Answered  
 Chosen Option : --

**Q.9** Name the Bhakti Saint from South India who was initially a Jaina and a minister in the court of a Chalukya king in the twelfth century.

- Ans ☒ 1. Karaikkal Ammaiyar  
☒ 2. Basavanna  
☒ 3. Eknath  
☒ 4. Tallapaka Annamacharya

Question ID : 264330111374  
 Status : Not Answered  
 Chosen Option : --

**Q.10** Which amendment of Indian Constitution removed the right to property from the list of fundamental rights?

- Ans ☒ 1. 41<sup>st</sup>  
☒ 2. 42<sup>nd</sup>  
☒ 3. 43<sup>rd</sup>  
☒ 4. 44<sup>th</sup>

Question ID : 26433064825  
 Status : Answered  
 Chosen Option : 4

Q.11 Who was the founder of Benaras Gharana of Kathak?

- Ans ☒ 1. Ishwari Prasad  
☒ 2. Shambhu Maharaj  
☒ 3. Raja Chakradhar Singh  
☒ 4. Janaki Prasad

Question ID : 26433064258  
 Status : Answered  
 Chosen Option : 2

Q.12 What happens to the guard cells when water flows into them?

- Ans ☒ 1. The guard cells close.  
☒ 2. Stomatal pores open.  
☒ 3. Stomatal pores shrink.  
☒ 4. Stomatal pores close.

Question ID : 26433087864  
 Status : Not Attempted and Marked For Review  
 Chosen Option : --

Q.13 The question consists of two statements, namely, Assertion (A) and Reason (R). Use them to choose the correct alternative.  
 Assertion (A): During the British rule, India's exports exceeded the imports leading to surplus of balance of trade.  
 Reason (R): The surplus of balance of trade was used for growth and development of India.

- Ans ☒ 1. Both A and R are true, and R is the correct explanation of A  
☒ 2. Both A and R are true, but R is not the correct explanation of A  
☒ 3. A is false but R is true  
☒ 4. A is true and R is false

Question ID : 264330108905  
 Status : Answered  
 Chosen Option : 1

Q.14 The Mauryan pillar capital found at \_\_\_\_\_ is popularly known as the Lion Capital.

- Ans ☒ 1. Bhabru  
☒ 2. Bairat  
☒ 3. Sanchi  
☒ 4. Sarnath

Question ID : 264330114064  
 Status : Answered  
 Chosen Option : 3

Q.15 How many engines drive 'PM Gati Shakti', a project launched by the central government with an aim to revolutionise infrastructure in India?

- Ans ☒ 1. Two  
☒ 2. Seven  
☒ 3. Nine  
☒ 4. Four

Question ID : 264330111304  
 Status : Not Answered  
 Chosen Option : --

Q.16 Where is the National Dope Testing Laboratory located?

- Ans ☒ 1. Mumbai  
☒ 2. Bangalore  
☒ 3. Punjab  
☒ 4. New Delhi

Question ID : 264330118451

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.17 Pandit Ram Narayan was associated with which of the following instruments?

- Ans ☒ 1. Ghatam  
☒ 2. Tabla  
☒ 3. Bansuri  
☒ 4. Sarangi

Question ID : 26433074124

Status : Answered

Chosen Option : 4

Q.18 In January 2022, the Supreme Court conferred daughters with equal right to the father's property even prior to codification of Hindu Personal Laws and enactment of the Hindu Succession Act in \_\_\_\_.

- Ans ☒ 1. 1959  
☒ 2. 1952  
☒ 3. 1947  
☒ 4. 1956

Question ID : 26433061801

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.19 Who coined the term 'zeroth law of thermodynamics' in 1931, which asserts that two bodies in equilibrium with a third are in equilibrium with each other?

- Ans ☒ 1. James Clerk Maxwell  
☒ 2. Max Planck  
☒ 3. Josiah Willard Gibbs  
☒ 4. Ralph H Fowler

Question ID : 264330110041

Status : Marked For Review

Chosen Option : 1

Q.20 Which of the following is NOT included in capital receipts?

- Ans ☒ 1. Foreign aid  
☒ 2. Taxes  
☒ 3. Recovery of loans  
☒ 4. Borrowings

Question ID : 264330109074

Status : Answered

Chosen Option : 1

**Q.21** What is the name of the portal launched by the Government in 2022 that aims to ease the loan application and disbursement process by the applicant?

- Ans ☒ 1. Swayatta  
☒ 2. Jan Samarth  
☒ 3. E- Shram  
☒ 4. Yukti

Question ID : 264330130843  
 Status : Not Answered  
 Chosen Option : --

**Q.22** In which year did Narendra Modi propose to celebrate a day for yoga as 'International Day of Yoga' while speaking at the United Nations General Assembly?

- Ans ☒ 1. 2013  
☒ 2. 2015  
☒ 3. 2016  
☒ 4. 2014

Question ID : 26433059377  
 Status : Answered  
 Chosen Option : 2

**Q.23** What would happen if the difference in pressure in Tahiti was negative?

- Ans ☒ 1. Above average late monsoon  
☒ 2. Drought  
☒ 3. Below average and late monsoon  
☒ 4. Above average and early monsoon

Question ID : 26433097109  
 Status : Not Answered  
 Chosen Option : --

**Q.24** In which year was an approach and program named Joint Forest Management (JFM) launched in the context of National Forest Policy?

- Ans ☒ 1. 1965  
☒ 2. 1988  
☒ 3. 1996  
☒ 4. 1947

Question ID : 264330110090  
 Status : Not Answered  
 Chosen Option : --

**Q.25** Which Session of Congress and Muslim League reached an understanding of creating a joint front against the British regime?

- Ans ☒ 1. Bombay  
☒ 2. Allahabad  
☒ 3. Lucknow  
☒ 4. Delhi

Question ID : 264330134232  
 Status : Not Answered  
 Chosen Option : --

Section : Quantitative Aptitude



**Q.1** If the measure of one angle of a right triangle is  $30^\circ$  more than the measure of the smallest angle, then the measure of the smallest angle is:

- Ans ☒ 1.  $90^\circ$   
☒ 2.  $60^\circ$   
☒ 3.  $30^\circ$   
☒ 4.  $75^\circ$

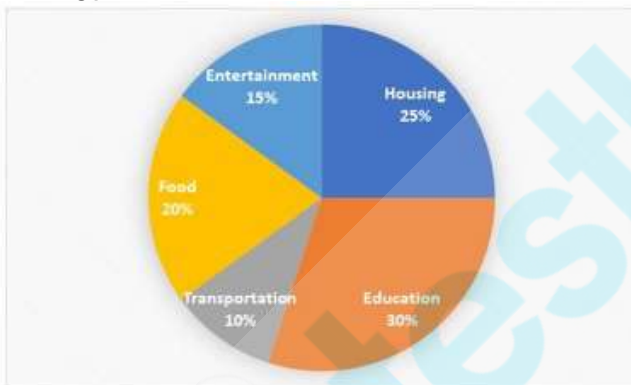
Question ID : 26433099028  
 Status : Answered  
 Chosen Option : 3

**Q.2** How many of the following numbers are divisible by 3 but NOT by 9?  
 5826, 5964, 6039, 6336, 6489, 6564, 6867 and 6960

- Ans ☒ 1. 5  
☒ 2. 3  
☒ 3. 4  
☒ 4. 6

Question ID : 264330131508  
 Status : Answered  
 Chosen Option : 3

**Q.3** The distribution of monthly expenditure of Ramesh on various items is shown in the following pie chart.



If the monthly income of Ramesh is ₹45,000, then find his total monthly expenditure (in ₹) on housing and transportation.

- Ans ☒ 1. 16,800  
☒ 2. 15,750  
☒ 3. 11,250  
☒ 4. 13,500

Question ID : 264330131485  
 Status : Answered  
 Chosen Option : 2

**Q.4** The sum of the cubes of two given natural numbers is 9728, while the sum of the two given numbers is 32. What is the positive difference between the cubes of the two given numbers?

- Ans ☒ 1. 6272  
☒ 2. 5832  
☒ 3. 4662  
☒ 4. 7904

Question ID : 264330101352  
 Status : Not Answered  
 Chosen Option : --

**Q.5** A circular arc whose radius is 4 cm makes an angle  $45^\circ$  at the centre. Find the perimeter of the sector formed.

(Take  $\pi = \frac{22}{7}$ )

Ans

✓ 1.  $\frac{78}{7}$  cm

✗ 2.  $\frac{72}{7}$  cm

✗ 3.  $\frac{74}{7}$  cm

✗ 4.  $\frac{76}{7}$  cm

Question ID : 264330143595  
Status : Answered  
Chosen Option : 1

**Q.6** Which number among 11368, 11638, 11863 and 12638 is divisible by 11?

Ans ✗ 1. 11368

✗ 2. 12638

✓ 3. 11638

✗ 4. 11863

Question ID : 264330131436  
Status : Answered  
Chosen Option : 3

**Q.7** The curved surface area of a right circular cylinder of height 56cm is  $1408 \text{ cm}^2$ . Find the diameter of the base of the cylinder.

Ans ✗ 1. 8m

✗ 2. 0.04m

✓ 3. 0.08m

✗ 4. 0.008m

Question ID : 264330103438  
Status : Answered  
Chosen Option : 3

**Q.8** Select the correct statement about the properties of a triangle.

Ans ✗ 1. The sum of two sides may be equal to the third side.

✗ 2. The sum of two sides is always equal to the third side.

✓ 3. The sum of two sides is always greater than the third side.

✗ 4. The sum of two sides is always less than the third side.

Question ID : 26433074242  
Status : Answered  
Chosen Option : 3

**Q.9** Sara can finish a work in 18 days and Tara can complete the same work in 15 days. Tara worked for 10 days and left the job. In how many days can Sara finish the remaining work alone?

- Ans** ☒ 1. 6  
☒ 2. 7  
☒ 3. 8  
☒ 4. 5

Question ID : 264330126593  
 Status : Answered  
 Chosen Option : 1

**Q.10** If  $(x + \frac{1}{x}) = 6$ , and  $x > 1$ , find the value of  $(x^2 - \frac{1}{x^2})$ .

- Ans** ☒ 1.  $18\sqrt{2}$   
☒ 2.  $30\sqrt{2}$   
☒ 3.  $24\sqrt{2}$   
☒ 4.  $12\sqrt{10}$

Question ID : 264330101344  
 Status : Answered  
 Chosen Option : 3

**Q.11** The third proportional to 7 and 63 is:

- Ans** ☒ 1. 576  
☒ 2. 567  
☒ 3. 441  
☒ 4. 625

Question ID : 264330102353  
 Status : Answered  
 Chosen Option : 2

**Q.12** 40 men can complete a work in 30 days. However, if 10 men leave the group, how many days will the group take to complete the work?

- Ans** ☒ 1. 40  
☒ 2. 35  
☒ 3. 45  
☒ 4. 50

Question ID : 264330118205  
 Status : Answered  
 Chosen Option : 1

**Q.13** If the cost price of 28 oranges is equal to selling price of 24 oranges, then the profit percentage is:

- Ans
- ☒ 1.  $16\frac{2}{3}\%$
  - ☐ 2.  $16\frac{1}{3}\%$
  - ☐ 3.  $18\frac{2}{3}\%$
  - ☐ 4.  $18\frac{1}{3}\%$

Question ID : 26433090301  
Status : **Answered**  
Chosen Option : 1

**Q.14** A 252 m long train is running at a speed of 125 km/h. What is the time (in seconds) in which it will pass a man who starts from the engine running at the speed of 17 km/h in the same direction as that of the train?

- Ans
- ☐ 1. 7.6
  - ☐ 2. 8
  - ☒ 3. 8.4
  - ☐ 4. 6.4

Question ID : 264330122715  
Status : **Not Answered**  
Chosen Option : --

**Q.15** If  $\tan^4\theta + \tan^2\theta = 1$ , what is the value of  $11(\cos^4\theta + \cos^2\theta)$ ?

- Ans
- ☐ 1. -11
  - ☐ 2. 8
  - ☐ 3. 0
  - ☒ 4. 11

Question ID : 264330143618  
Status : **Answered**  
Chosen Option : 4

**Q.16** Evaluate the following:

$$\sqrt{2 + \sqrt{2 + \sqrt{2 + 2\cos 8\theta}}}$$

- Ans
- ☒ 1.  $2\cos \theta$
  - ☐ 2.  $2\cos 2\theta$
  - ☐ 3.  $\sin 2\theta$
  - ☐ 4.  $\cos 2\theta$

Question ID : 26433076058  
Status : **Answered**  
Chosen Option : 1

Q.17 Simplify the following expression.

$$\frac{7.35 \times 7.35 - 2.25 \times 2.25}{0.24}$$

Ans ☒ 1. 204

☒ 2. 320

☒ 3. 225

☒ 4. 304

Question ID : 264330145545

Status : Not Answered

Chosen Option : --

Q.18 Avinash's monthly salary is ₹50,000 and his monthly expenditure is ₹18,000. Radha's monthly salary is ₹60,000 and her monthly expenditure is ₹24,000. Find the ratio of Radha's savings to Avinash's saving's.

Ans ☒ 1. 9 : 8

☒ 2. 9 : 7

☒ 3. 6 : 5

☒ 4. 8 : 7

Question ID : 264330126565

Status : Answered

Chosen Option : 1

Q.19 A can finish a job in 8 hours and B can finish the same job in 12 hours independently. If they work simultaneously, in how many hours can they do the same job?

Ans ☒ 1. 4.8

☒ 2. 3.7

☒ 3. 4.5

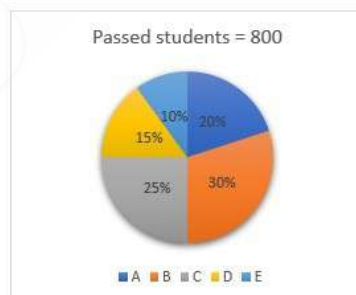
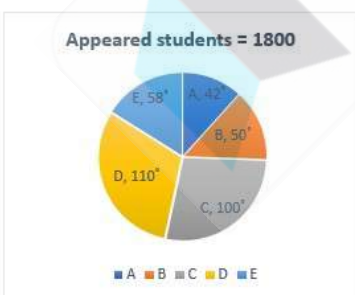
☒ 4. 3.2

Question ID : 264330111482

Status : Answered

Chosen Option : 1

Q.20 The following pie charts show the data of the number of appeared and passed students of class 12 in sections A,B,C,D and E.



How many students failed in Section C?

Ans ☒ 1. 250

☒ 2. 200

☒ 3. 300

☒ 4. 400

Question ID : 264330145020

Status : Answered

Chosen Option : 3

**Q.21** In a circular path of 600 m, Pankaj and Rohit start walking in opposite directions from the same point at the speeds of 2.85 m/s and 5.4 km/h, respectively. After how many minutes will they meet for the first time? (Rounded off to one decimal point)

Ans ☒ 1. 3.2

☒ 2. 2.3

☒ 3. 2.7

☒ 4. 4.7

Question ID : 264330112231  
Status : Not Answered  
Chosen Option : --

**Q.22** The average of all prime numbers between 32 and 69 is:

Ans ☒ 1. 52.5

☒ 2. 60

☒ 3. 51

☒ 4. 56.5

Question ID : 264330103691  
Status : Answered  
Chosen Option : 3

**Q.23** If  $7 \cot P = 24$ , then find  $\sin P$ .

Ans ☒ 1.  $\frac{625}{7}$

☒ 2.  $\frac{24}{25}$

☒ 3.  $\frac{49}{625}$

☒ 4.  $\frac{7}{25}$

Question ID : 264330143589  
Status : Answered  
Chosen Option : 4

**Q.24** In what time will ₹3,720 amount to ₹5,282.4 at 12% simple interest per annum?

Ans ☒ 1. 3 years

☒ 2.  $3\frac{1}{2}$  years

☒ 3.  $5\frac{1}{2}$  years

☒ 4. 5 years

Question ID : 264330111474  
Status : Answered  
Chosen Option : 2

**Q.25** Ram can complete a piece work in 15 days, Rohan in 25 days, and Rohit in 30 days. Rohan and Rohit worked together for 2 days and then Rohit was replaced by Ram. In how many days altogether was the work completed?

**Ans** ☒ 1. 10 days

☐ 2. 8 days

☐ 3. 12 days

☐ 4. 7 days

Question ID : 26433061739

Status : Answered

Chosen Option : 1

Section : English Comprehension

**Q.1** Select the most appropriate option that can substitute the underlined segment in the given sentence.

Polyethylene terephthalate, one of the most often recycled plastics and the material used in the majority of water and soda bottles, can be transformed into everything from polyester fabric to automotive parts.

**Ans** ☐ 1. might be placed

☐ 2. might be evolved

☒ 3. may be converted

☐ 4. may be devaluated

Question ID : 26433098910

Status : Answered

Chosen Option : 3

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

I have thus far sketched the events of my life, but I have not shown how much I have depended on books not only for pleasure and for the wisdom they bring to all who read, but also for that knowledge which comes to others through their eyes and their ears.

**Ans** ☐ 1. clarity

☐ 2. folly

☒ 3. insight

☐ 4. emotion

Question ID : 26433090771

Status : Answered

Chosen Option : 1

**Q.3** Select the option that expresses the given sentence in active voice.  
The deer was killed by the boar.

**Ans** ☐ 1. The deer killed the boar.

☐ 2. The boar was killing the deer.

☐ 3. The boar was killed by the deer.

☒ 4. The boar killed the deer.

Question ID : 264330121848

Status : Answered

Chosen Option : 4

**Q.4** Select the most appropriate option to fill in the blank.

She could easily eat the \_\_\_\_\_ biryani by herself.

- Ans ☒ 1. haul  
☒ 2. whole  
☒ 3. hall  
☒ 4. hole

Question ID : 264330145560  
 Status : Answered  
 Chosen Option : 2

**Q.5** Select the option that can be used as a one-word substitute for the given group of words.

A place where airplanes are kept for maintenance

- Ans ☒ 1. Hanger  
☒ 2. Scullery  
☒ 3. Hangar  
☒ 4. Aviary

Question ID : 26433074040  
 Status : Answered  
 Chosen Option : 3

**Q.6** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

It can / get extreme cold / during / the winters.

- Ans ☒ 1. the winters  
☒ 2. during  
☒ 3. It can  
☒ 4. get extreme cold

Question ID : 26433088941  
 Status : Answered  
 Chosen Option : 1

**Q.7** Select the INCORRECTLY spelt word.

- Ans ☒ 1. Dearth  
☒ 2. Acceptible  
☒ 3. Corrupt  
☒ 4. Barely

Question ID : 26433091835  
 Status : Answered  
 Chosen Option : 2

**Q.8** Select the INCORRECTLY spelt word.

- Ans ☒ 1. Sufficeint  
☒ 2. Syrup  
☒ 3. Superior  
☒ 4. Shrubby

Question ID : 26433088416  
 Status : Answered  
 Chosen Option : 1



**Q.9** Select the most appropriate **ANTONYM** of the underlined word.  
My niece is an amateur artist. I hope she becomes famous one day.

- Ans** ☒ 1. Boring  
☒ 2. Freelancing  
☒ 3. Expert  
☒ 4. Decent

Question ID : 264330121872  
Status : **Answered**  
Chosen Option : 3

**Q.10** Select the most appropriate option to substitute the underlined segment in the given sentence.

The secretary to my boss is very efficient as he not only gives him the required information and also handles correspondence independently.

- Ans** ☒ 1. yet also handles  
☒ 2. but also handles  
☒ 3. along with also handles  
☒ 4. not also handles

Question ID : 26433081321  
Status : **Answered**  
Chosen Option : 2

**Q.11** 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. My grandmother always went to school with me because the school was attached to the temple.  
B. When we both finished, we would be back together.  
C. While the children sat in rows on either side of the verandah singing the alphabet or prayer in chorus, my grandmother sat inside reading the scriptures.  
D. The priest taught us the alphabet and the morning prayer.

- Ans** ☒ 1. ACBD  
☒ 2. ABDC  
☒ 3. ADCB  
☒ 4. ADBC

Question ID : 26433098160  
Status : **Answered**  
Chosen Option : 3

**Q.12** Select the most appropriate synonym to substitute the underlined word.

The weather forecast mentioned that there would be a cloud burst this afternoon.

- Ans** ☒ 1. rainstorm  
☒ 2. sandstorm  
☒ 3. famine  
☒ 4. snowfall

Question ID : 264330101284  
Status : **Answered**  
Chosen Option : 1

Q.13 Select the most appropriate option to fill in the blank.

Keats and Shelly were poets of the same period; in other words, they were \_\_\_\_\_.

- Ans ☒ 1. contemporaries  
☒ 2. co-writers  
☒ 3. colleagues  
☒ 4. associates

Question ID : 264330120614  
 Status : Answered  
 Chosen Option : 1

Q.14 Select the most appropriate meaning of the given idiom.

Get up on the wrong side of the bed

- Ans ☒ 1. Someone who is having a horrible day  
☒ 2. Destroy or ruin a plan  
☒ 3. Someone who is having a good day  
☒ 4. Go to bed or go to sleep

Question ID : 26433088973  
 Status : Answered  
 Chosen Option : 1

Q.15 Identify the option that can be substituted as the correct idiom for the underlined part of the given sentence.

My cousin sister Neetu had an aerial view of the trade fair from the top of the giant wheel.

- Ans ☒ 1. A bird in the gilded cage  
☒ 2. Bird's eye view  
☒ 3. Birds of same feather  
☒ 4. Bird brain

Question ID : 26433088906  
 Status : Answered  
 Chosen Option : 2

Q.16 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. He later tried to franchise his restaurant.  
 B.Colonel Harland Sanders' real-life story of being disappointed numerous times in his life and still making his ambition come true late in life is truly motivating.  
 C.He began selling chicken at the age of 40, but his dream of opening a restaurant was repeatedly denied owing to conflicts and wars.  
 D.He is a seventh-grade dropout who tried many things in life but found them bitter.

- Ans ☒ 1. BCDA  
☒ 2. BDCA  
☒ 3. BDAC  
☒ 4. BACD

Question ID : 26433097516  
 Status : Answered  
 Chosen Option : 3

**Q.17** Select the option that expresses the given sentence in passive voice.  
We are organising the charity function tomorrow.

- Ans** ☒ 1. The charity function is been organised tomorrow.  
☒ 2. The charity function is being organised tomorrow.  
☒ 3. The charity function is being organise tomorrow.  
☒ 4. The charity function is organised tomorrow.

Question ID : 264330137229  
 Status : Answered  
 Chosen Option : 2

**Q.18** Identify the option that arranges the given parts in the correct order to form a meaningful and coherent paragraph.  
 a) In Shakespeare's hands, English drama  
 b) that first shone forth in his early history plays  
 c) William Shakespeare is considered as the greatest dramatist and poet of English language.  
 d) achieved a matchless brilliance

- Ans** ☒ 1. d,b,a,c  
☒ 2. a,b,c,d  
☒ 3. c,a,d,b  
☒ 4. b,c,a,d

Question ID : 264330143870  
 Status : Answered  
 Chosen Option : 3

**Q.19** Select the most appropriate ANTONYM of the word 'Naïve' from the given sentence.  
 After years of working in politics, she had become cynical and jaded, convinced that all politicians were corrupt and that the system was rigged against the people.

- Ans** ☒ 1. Jaded  
☒ 2. Corrupt  
☒ 3. Cynical  
☒ 4. Convinced

Question ID : 264330133357  
 Status : Answered  
 Chosen Option : 1

**Q.20** Select the most appropriate phrasal verb to fill in the blank.  
 The driver very subtly \_\_\_\_\_ the traffic violation he committed.

- Ans** ☒ 1. ironed through  
☒ 2. ironed in  
☒ 3. ironed out  
☒ 4. ironed aside

Question ID : 26433084923  
 Status : Marked For Review  
 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.

Colonialism had a great impact on the lives of the aboriginal Australians who were eventually (1) \_\_\_\_\_ by the whites with all power and privilege. The colonisers turned their land into rubbish pits and (2) \_\_\_\_\_ sites for their own betterment. The aborigines were often (3) \_\_\_\_\_ as sub-humans with low status and dirty habits. The whites not only displaced the tribes off their homeland but also (4) \_\_\_\_\_ the beauty and balance of the natural world. An increase in deforestation and destruction of traditional land led (5) \_\_\_\_\_ like emu, eagle, and kangaroo, among many others to dwindle over time.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in blank number 1.

- Ans ☒ 1. caught  
☒ 2. understood  
☒ 3. subjugated  
☒ 4. raised

Question ID : 264330137205  
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.

Colonialism had a great impact on the lives of the aboriginal Australians who were eventually (1) \_\_\_\_\_ by the whites with all power and privilege. The colonisers turned their land into rubbish pits and (2) \_\_\_\_\_ sites for their own betterment. The aborigines were often (3) \_\_\_\_\_ as sub-humans with low status and dirty habits. The whites not only displaced the tribes off their homeland but also (4) \_\_\_\_\_ the beauty and balance of the natural world. An increase in deforestation and destruction of traditional land led (5) \_\_\_\_\_ like emu, eagle, and kangaroo, among many others to dwindle over time.

**SubQuestion No : 22**

**Q.22** Select the most appropriate option to fill in blank number 2.

- Ans ☒ 1. dating  
☒ 2. construction  
☒ 3. halting  
☒ 4. recreation

Question ID : 264330137206  
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.

Colonialism had a great impact on the lives of the aboriginal Australians who were eventually (1) \_\_\_\_\_ by the whites with all power and privilege. The colonisers turned their land into rubbish pits and (2) \_\_\_\_\_ sites for their own betterment. The aborigines were often (3) \_\_\_\_\_ as sub-humans with low status and dirty habits. The whites not only displaced the tribes off their homeland but also (4) \_\_\_\_\_ the beauty and balance of the natural world. An increase in deforestation and destruction of traditional land led (5) \_\_\_\_\_ like emu, eagle, and kangaroo, among many others to dwindle over time.

**SubQuestion No : 23**

**Q.23** Select the most appropriate option to fill in blank number 3.

- Ans** ☒ 1. created  
☒ 2. perceived  
☐ 3. received  
☐ 4. led

Question ID : 264330137207  
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.

Colonialism had a great impact on the lives of the aboriginal Australians who were eventually (1) \_\_\_\_\_ by the whites with all power and privilege. The colonisers turned their land into rubbish pits and (2) \_\_\_\_\_ sites for their own betterment. The aborigines were often (3) \_\_\_\_\_ as sub-humans with low status and dirty habits. The whites not only displaced the tribes off their homeland but also (4) \_\_\_\_\_ the beauty and balance of the natural world. An increase in deforestation and destruction of traditional land led (5) \_\_\_\_\_ like emu, eagle, and kangaroo, among many others to dwindle over time.

**SubQuestion No : 24**

**Q.24** Select the most appropriate option to fill in blank number 4.

- Ans** ☒ 1. destroyed  
☐ 2. climbed  
☐ 3. utilised  
☐ 4. fed

Question ID : 264330137208  
Status : Answered  
Chosen Option : 1

**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.

Colonialism had a great impact on the lives of the aboriginal Australians who were eventually (1) \_\_\_\_\_ by the whites with all power and privilege. The colonisers turned their land into rubbish pits and (2) \_\_\_\_\_ sites for their own betterment. The aborigines were often (3) \_\_\_\_\_ as sub-humans with low status and dirty habits. The whites not only displaced the tribes off their homeland but also (4) \_\_\_\_\_ the beauty and balance of the natural world. An increase in deforestation and destruction of traditional land led (5) \_\_\_\_\_ like emu, eagle, and kangaroo, among many others to dwindle over time.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank number 5.

- Ans** ☒ 1. fauna  
☒ 2. pets  
☒ 3. thugs  
☒ 4. homies

Question ID : 264330137209  
 Status : **Marked For Review**  
 Chosen Option : 1