

Combined Graduate Level Examination 2024 Tier I

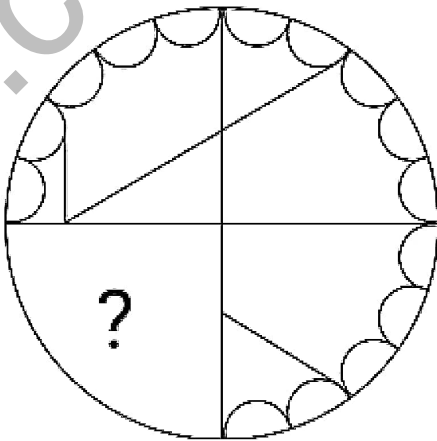
Exam Date	12/09/2024
Exam Time	12:30 PM - 1:30 PM
Subject	Combined Graduate Level Examination Tier I

Section : General Intelligence and Reasoning

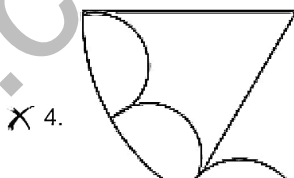
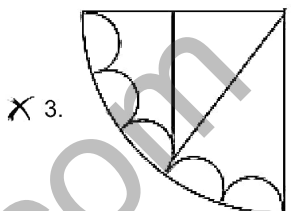
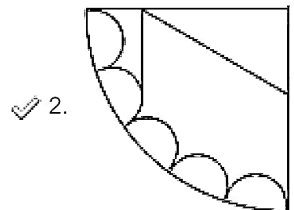
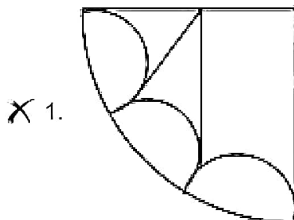
Q.1 Three of the following numbers are alike in a certain way and one is different. Pick the odd one out.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. $12 - 7 = 209$
 - ☒ 2. $19 - 11 = 330$
 - ☒ 3. $23 - 8 = 343$
 - ☒ 4. $15 - 9 = 264$

Q.2 Select the option figure that will replace the question mark (?) in the figure given below and complete the pattern.



Ans



Q.3 In a certain code language, 'talk to me' is coded as 'aq yt bl' and 'do not talk' is coded as 'yt me wc'. What is the code for 'talk' in that language?

- Ans**
- ☒ 1. yt
 - ☐ 2. wc
 - ☐ 3. bl
 - ☐ 4. aq

Q.4 'NGRP' is related to 'JCNL' in a certain way based on the English alphabetical order. In the same way, 'FKLT' is related to 'BGHP'. To which of the following is 'SQUO' related, following the same logic?

- Ans**
- ☐ 1. ONQL
 - ☒ 2. OMQK
 - ☐ 3. PNRL
 - ☐ 4. PMRK

Q.5 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

E _ GHEI _ GELK _ _ OME

- Ans**
- ☐ 1. IGFE
 - ☐ 2. IFGE
 - ☒ 3. FIFE
 - ☐ 4. FGEI

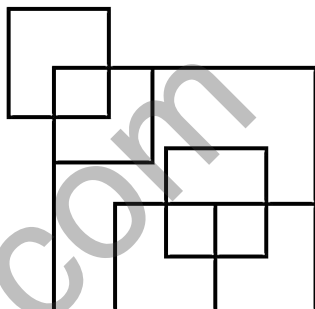
Q.6 In a certain code language,
A + B means 'A is the son of B',
A - B means 'A is the wife of B',
A × B means 'A is the brother of B' and
A ÷ B means 'A is the daughter of B'.
Based on the above, how is P related to R if 'P × S ÷ M - T + R'?

- Ans**
- ☐ 1. Brother
 - ☒ 2. Son's son
 - ☐ 3. Father's mother
 - ☐ 4. Daughter

Q.7 346 is related to 245 by certain logic. Following the same logic, 580 is related to 479. To which of the following is 613 related, following the same logic? (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 /deleting /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.)

- Ans**
- ☐ 1. 720
 - ☐ 2. 460
 - ☒ 3. 512
 - ☐ 4. 630

Q.8 How many squares are there in the given figure?

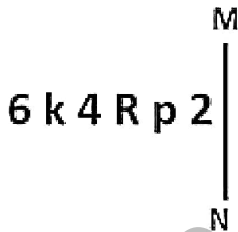


- Ans**
- ☐ 1. 8
 - ☒ 2. 9
 - ☐ 3. 10
 - ☐ 4. 11

Q.9 Which of the following terms will replace the question mark (?) in the given series?
HPL, KLQ, NHV, QDA, TZF, ?

- Ans**
- ☒ 1. WVK
 - ☐ 2. XVK
 - ☐ 3. WDK
 - ☐ 4. XWK

Q.10 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans**
- ☐ 1. p 2 R 4 k 6
 - ☐ 2. 2 4 R p 6
 - ☒ 3. 2 4 R p 6
 - ☐ 4. 2 4 R p 6

Q.11 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(11, 16.5, 22)
(14.5, 20, 25.5)
(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/deleting/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.)

- Ans**
- ☐ 1. (14, 18.5, 23.5)
 - ☐ 2. (21.5, 25, 31.5)
 - ☒ 3. (18, 23.5, 29)
 - ☐ 4. (24.5, 30, 36.5)

Q.12 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.
(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)
Duleep Trophy : Cricket

- Ans**
- ☐ 1. Burdwan Trophy : Polo
 - ☒ 2. Agha Khan Cup : Hockey
 - ☐ 3. Dhyan Chand Trophy : Badminton
 - ☐ 4. Durand Cup : Cricket

Q.13 In a certain code language, 'BOOK' is written as 'ZNNI' and 'SHOP' is written as 'QFNN'. How will 'NOTES' be written in that language?

- Ans**
- ☐ 1. LRDQN
 - ☒ 2. LNRDQ
 - ☐ 3. LDNQ R
 - ☐ 4. QDRNL

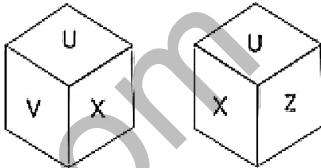
- Q.14 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given 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.)

10 – 12 – 8 – 15; 12 – 14 – 10 – 19

- Ans ☒ 1. 11 – 13 – 9 – 17
☐ 2. 8 – 6 – 10 – 18
☐ 3. 6 – 8 – 12 – 16
☐ 4. 15 – 13 – 9 – 19

- Q.15 Six letters U, V, W, X, Y and Z are written on different faces of a dice. Two positions of this dice are shown in the figure. Find the letter on the face opposite to V.



- Ans ☐ 1. X
☐ 2. Y
☒ 3. Z
☐ 4. W

- Q.16 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

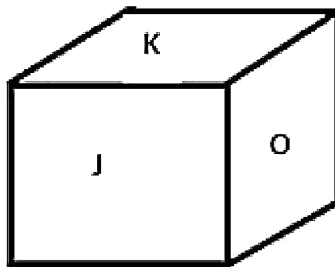
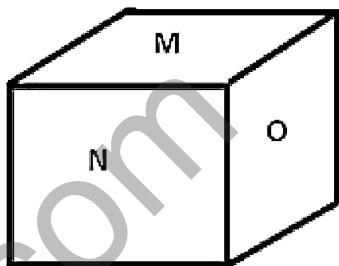
$$16 \div 4 + 8 \times 8 - 4 = ?$$

- Ans ☐ 1. 11
☒ 2. 67
☐ 3. 42
☐ 4. 36

- Q.17 Which of the following operations should be interchanged to make the following equation correct?
 $12 + 12 - 4 \times 4 \div 2 = 22$

- Ans ☐ 1. + and ÷
☒ 2. ÷ and -
☐ 3. - and +
☐ 4. × and -

- Q.18 Six letters J, K, L, M, N and O are written on different faces of a dice. Two positions of this dice are shown in the figure below. Find the letter on the face opposite to J.



- Ans ☐ 1. M
☐ 2. O
☐ 3. L
☒ 4. N

Q.19 Which figure should replace the question mark (?) if the following series were to be continued?

B	0 0 0	0 0	X X X X	
0 0 0	X X	X X X X	B B	
X X	B	B B	0 0	?

Ans

✓ 1.

X X X

B B B B

0 0 0

✗ 2.

X X X

B B B

0 0 0

✗ 3.

X X X X

B B B

0 0

✗ 4.

X X X X X

B B B B

0 0 0

Q.20 Which of the following numbers will replace the question marks (?) in the given series?

16, 36, 64, ?, ?, 196, 256, 324

Ans

✗ 1. 81, 121

✗ 2. 100, 121

✓ 3. 100, 144

✗ 4. 81, 100

Q.21 Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All cards are postcards.

Some postcards are books.

All books are novels.

Conclusions:

I. Some postcards are novels.

II. No card is a book.

III. All cards are novels.

Ans

✗ 1. Only II and III conclusion follow

✗ 2. Only conclusion III follows

✗ 3. Only I and II conclusion follow

✓ 4. Only conclusion I follows

Q.22 In a certain code language, 'can we play' is coded as 'ae tc nx' and 'play in school' is coded as 'tc rm ef'. How is 'play' coded in that language?

- Ans**
- ☐ 1. rm
 - ☐ 2. ef
 - ☐ 3. ae
 - ☒ 4. tc

Q.23 Each vowel in the word 'STAMINA' is changed to the preceding letter in the English alphabetical order and each consonant is changed to the following letter in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is the third from the right and the fourth from the left in the group of letters thus formed?

- Ans**
- ☒ 1. Five
 - ☐ 2. Seven
 - ☐ 3. Four
 - ☐ 4. Six

Q.24 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?

(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. MPT
 - ☒ 2. ACG
 - ☐ 3. DGK
 - ☐ 4. HKO

Q.25 Identify the figure from the given options, which when put in place of the question mark (?), will logically complete the series.

↑	+	D	△	\$	+	↑	△	
\$		↑		D		\$?
D	△	\$	+	↑	△	D	+	

Ans

✓ 1.

D	+
↑	
\$	△

✗ 2.

D	\$
↑	
+	△

✗ 3.

\$	△
	D
+	↑

✗ 4.

\$	△
	D
↑	+

Section : General Awareness

Q.1 Which of the following is an example of public sector industry in India?

Ans ✓ 1. Bharat Heavy Electricals Limited

✗ 2. Bajaj Auto

✗ 3. Dabur

✗ 4. Tata Iron Steel Company

Q.2 In which of the following years was Pro Kabaddi League established in India?

Ans ✗ 1. 2015

✗ 2. 2016

✗ 3. 2013

✓ 4. 2014

Q.3 The Vedangas are Hindu auxiliary disciplines that originated in ancient times and are linked to the study of the Vedas. These are _____ in number.

Ans ✗ 1. five

✗ 2. seven

✗ 3. four

✓ 4. six

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Q.4 What was the actual growth rate of the first five-year plan?

- Ans**
- ☐ 1. 4.2%
 - ☐ 2. 2.6%
 - ☒ 3. 3.6%
 - ☐ 4. 2.1%

Q.5 What are the five Fs of indirect transmission?

- Ans**
- ☒ 1. Flies, fingers, fomites, food and fluid
 - ☐ 2. Fruit, fingers, flu, food and fluid
 - ☐ 3. Flies, fingers, friends, food and fruit
 - ☐ 4. Flies, fingers, fomites, food and fruit

Q.6 Match the points under Column A with those under Column B.

Column A

- i. Annelida
- ii. Arthropoda
- iii. Echinodermata
- iv. Platyhelminthes

Column B

- a. Tapeworm
- b. Sea star
- c. Ant
- d. Earthworm

- Ans**
- ☒ 1. i-d, ii-c, iii-b, iv-a
 - ☐ 2. i-b, ii-a, iii-c, iv-d
 - ☐ 3. i-a, ii-c, iii-b, iv-d
 - ☐ 4. i-a, ii-b, iii-c, iv-d

Q.7 The Election Laws Amendment Bill passed in the Parliament recently seeks to implement certain electoral reforms. One of them is the eligibility date. Till now, only one date – 1 January was considered for deciding eligibility with respect to age. What reform does the Bill seek in this regard?

- Ans**
- ☐ 1. Introducing two dates – 1 January and 1 June
 - ☐ 2. Eliminating the idea of eligibility date – enrolment throughout the year
 - ☒ 3. Introducing four dates – 1 January, 1 April, 1 July, 1 October
 - ☐ 4. Introducing three dates – 1 January, 1 May, 1 September

Q.8 In July 2020, which state initiated the 'Ashirwad Scheme' to extend financial support for a daughter's marriage who belongs to a family earning a lower income?

- Ans**
- ☐ 1. Uttar Pradesh
 - ☐ 2. Bihar
 - ☒ 3. Punjab
 - ☐ 4. Rajasthan

Q.9 In the state legislative assembly, the Money bill can be introduced with the prior permission of _____.

- Ans**
- ☒ 1. Governor
 - ☐ 2. Auditor General
 - ☐ 3. Finance Minister
 - ☐ 4. CAG

Q.10 According to Census of India 2011, what is the gap between male and female literacy rate in India?

- Ans**
- ☐ 1. 21.59%
 - ☐ 2. 18.30%
 - ☐ 3. 24.84%
 - ☒ 4. 16.68%

Q.11 In which year was the Digital India mission launched?

- Ans**
- ☐ 1. 2014
 - ☐ 2. 2016
 - ☒ 3. 2015
 - ☐ 4. 2017

Q.12 Who among the following players is related to table tennis?

- Ans**
- ☐ 1. Manish Narwal
 - ☒ 2. Manika Batra
 - ☐ 3. K Srikanth
 - ☐ 4. Pankaj Advani

Q.13 Which of the following gases emits red light when electricity is passed through it?

- Ans**
- ☒ 1. Neon
 - ☐ 2. Hydrogen
 - ☐ 3. Argon
 - ☐ 4. Helium

Q.14 Chand Bardai's famous literary work _____, mentions Prithviraj Chauhan's love story and heroic deeds.

- Ans**
- ☐ 1. Harakeli Nataka
 - ☐ 2. Abhidhana Chintamani
 - ☒ 3. Prithviraj Raso
 - ☐ 4. Rajamartanda

Q.15 Who among the following freedom fighters is known as 'Deshbandhu'?

- Ans**
- ☐ 1. Gopal Krishna Gokhale
 - ☐ 2. Bhagat Singh
 - ☐ 3. Subhas Chandra Bose
 - ☒ 4. Chittaranjan Das

Q.16 Buddhadev Dasgupta is famous for playing which of the following musical instruments?

- Ans**
- ☒ 1. Sarod
 - ☐ 2. Sarangi
 - ☐ 3. Bansuri
 - ☐ 4. Mridangam

Q.17 Which of the following is NOT a Fundamental Duty of the Indian citizens?

- Ans**
- ☐ 1. To develop scientific temper, humanism and the spirit of inquiry and reform.
 - ☐ 2. To safeguard public property and to abjure violence.
 - ☐ 3. To cherish and follow the noble ideas that inspired our national struggle for freedom.
 - ☒ 4. Mandatory national service of 5 years.

Q.18 What is the product formed when zinc and sulphuric acid react?

- Ans**
- ☒ 1. Zinc sulphate
 - ☐ 2. Zinc hydroxide
 - ☐ 3. Zinc sulphide
 - ☐ 4. Zinc oxide

Q.19 Hindustani singer Pandit Venkatesh Kumar was honoured with 'Kalidas Samman-2022' by which state government?

- Ans**
- ☒ 1. Madhya Pradesh
 - ☐ 2. Maharashtra
 - ☐ 3. Uttar Pradesh
 - ☐ 4. Gujarat

Q.20 In which form of exchange are goods used as medium of exchange?

- Ans**
- ☐ 1. Online exchange
 - ☐ 2. Credit exchange
 - ☐ 3. Currency exchange
 - ☒ 4. Barter exchange

Q.21 Gangaaur Festival, Pushkar Fair, Nagaur Fair and Urs Fair are the popular fairs and festivals of which state?

- Ans**
- ☒ 1. Rajasthan
 - ☐ 2. Tripura
 - ☐ 3. Punjab
 - ☐ 4. Maharashtra

Q.22 _____ leaves are used to make bidis.

- Ans**
- ☐ 1. Neem
 - ☐ 2. Champa
 - ☐ 3. Betel
 - ☒ 4. Tendu

Q.23 Which of the following hills is located in the Eastern Ghats?

- Ans**
- ☐ 1. Naga hills
 - ☐ 2. Khasi hills
 - ☒ 3. Shevaroy hills
 - ☐ 4. Anamudi hills

Q.24 Who established Shantiniketan and when?

- Ans**
- ☐ 1. Mahatma Gandhi, 1910
 - ☒ 2. Ravindranath Tagore, 1901
 - ☐ 3. Ravindranath Tagore, 1905
 - ☐ 4. Devendranath Tagore, 1915

Q.25 Which of the following institutes was founded by Mrinalini Sarabhai who was a Bharatanatyam and Kathakali dancer?

- Ans**
- ☐ 1. Sri Thyagaraja College of Music and Dance
 - ☐ 2. Nrityanjali Institute of Performing Arts
 - ☒ 3. Darpana Academy of Performing Arts
 - ☐ 4. Nalanda Nritya Kala Mahavidyalaya

Q.1 A person borrowed some money on simple interest. After 4 years, he returned $\frac{9}{5}$ of the money to lender. What was the rate of interest?

- Ans**
- ☒ 1. 20% p.a.
 - ☐ 2. 18% p.a.
 - ☐ 3. 17% p.a.
 - ☐ 4. 19% p.a.

Q.2 Every month, a man consumes 20 kg of rice and 8 kg of wheat. The price of rice is 20% of the price of wheat, resulting in a total expenditure of ₹300 per month for rice and wheat combined. If the price of wheat is increased by 20%, what percentage reduction in rice consumption is needed to maintain the same expenditure of ₹300? (Given that price of rice and consumption of wheat is constant.)

- Ans**
- ☒ 1. 40%
 - ☐ 2. 38%
 - ☐ 3. 24%
 - ☐ 4. 22%

Q.3 A thief pursued by a policeman was 150 m ahead at the start. If the ratio of the speed of the policeman to that of the thief was 5 : 4, then how far (distance in metres) could the thief go before he is caught by the policeman?

- Ans**
- ☐ 1. 350
 - ☐ 2. 200
 - ☒ 3. 600
 - ☐ 4. 400

Q.4 The given table shows the production of iron rods by a company for a period of 6 months. Study the table and answer the question that follows.

Month	January	March	May	July	September	November
Production	60	75	45	85	90	108

What is the ratio of the month having the highest production to the month having the least production?

- Ans**
- ☐ 1. 9 : 5
 - ☒ 2. 12 : 5
 - ☐ 3. 1 : 2
 - ☐ 4. 5 : 12

Q.5 Solve the following:

$$\left[(2.5 + 1.5)^2 \div 4 \text{ of } \frac{1}{2} \times 8 - 1 \right]$$

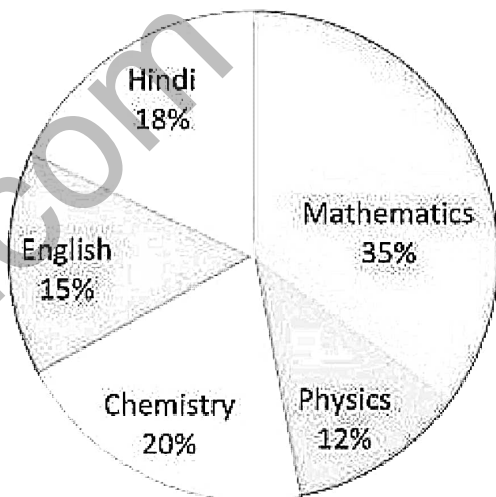
- Ans**
- ☐ 1. 0
 - ☐ 2. 81
 - ☐ 3. 27.1
 - ☒ 4. 63

Q.6 Find the area of a sector with an arc length of 44 cm, which subtends a central angle of 30° .

- Ans**
- ☐ 1. 1488 cm²
 - ☐ 2. 1584 cm²
 - ☒ 3. 1848 cm²
 - ☐ 4. 1884 cm²

Q.7 The following pie chart shows the study time of different subjects of a student in a day. Study the pie chart and answer the question.

Percentage distribution of study-time of different subjects



If the student studied English for 3 hours, then he studied Mathematics for:

- Ans**
- ☐ 1. 2 hours
 - ☐ 2. 1 hour
 - ☒ 3. 7 hours
 - ☐ 4. 5 hours

Q.8 Two cylinders have the radii of their bases in the ratio 4 : 5 and their heights are in the ratio 5 : 7. Find the ratio of their curved surface areas.

- Ans**
- ☐ 1. 5 : 4
 - ☒ 2. 4 : 7
 - ☐ 3. 1 : 2
 - ☐ 4. 4 : 5

Q.9 Solve the following:

$$\frac{1}{1 + \cos\theta} + \frac{1}{1 - \cos\theta} = ?$$

- Ans**
- ☒ 1. $2\operatorname{cosec}^2\theta$
 - ☐ 2. $2\sin^2\theta$
 - ☐ 3. $2\sec^2\theta$
 - ☐ 4. $2\tan^2\theta$

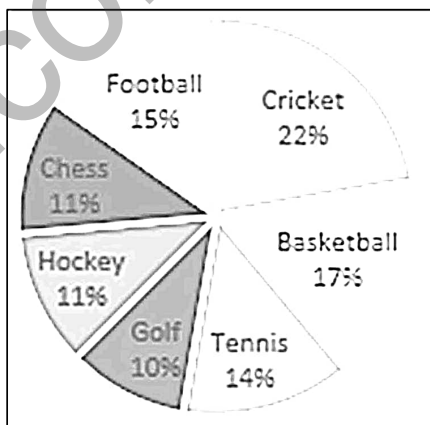
Q.10 Two pipes A and B can fill a tank in 48 minutes and 66 minutes, respectively. If both the pipes are opened simultaneously, then after how many minutes should pipe B be closed so that the tank gets filled in 32 minutes?

- Ans**
- ☐ 1. 18
 - ☐ 2. 16
 - ☒ 3. 22
 - ☐ 4. 20

Q.11 If $7 \tan \theta = 3$, then $\frac{7 \sin \theta + 5 \cos \theta}{7 \sin \theta - 2 \cos \theta}$ is:

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

Q.12 The given pie chart shows the expenditure by a state government on various sports during a particular year.

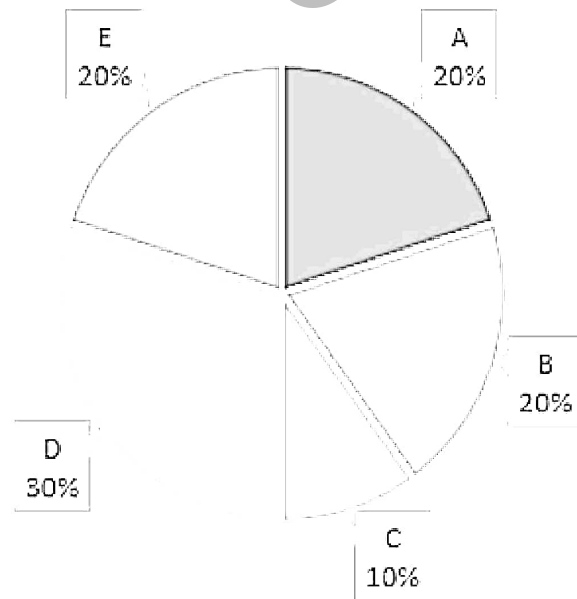


If the total amount spent on tennis and football is ₹1,45,000, then the total amount (in ₹) spent on all the given sports is:

- Ans**
- ☐ 1. 3,10,000
 - ☐ 2. 4,50,000
 - ☒ 3. 5,00,000
 - ☐ 4. 4,10,000

Q.13 The given pie-chart shows the percentage distribution of 20,000 employees in a company.

Percentage distribution of employees in different departments of a company



- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E

Study the given chart and answer the question that follows.

If 30% of the employees in department D are females, then how many male employees are there in that department?

- Ans
- ☒ 1. 4200
 - ☐ 2. 4500
 - ☐ 3. 5000
 - ☐ 4. 4000

Q.14 In triangle ABC, the length of side BC is 2 cm less than twice the length of side AB. The length of side AC exceeds the length of side AB by 10 cm. The perimeter of the triangle is 40 cm. Determine the length (in cm) of the smallest side of the triangle.

- Ans
- ☐ 1. 12
 - ☐ 2. 14
 - ☐ 3. 10
 - ☒ 4. 8

Q.15 If $\cot^4 \phi - \cot^2 \phi = 1$, then the value of $\cos^4 \phi + \cos^2 \phi$ is:

- Ans
- ☐ 1. 2
 - ☒ 2. 1
 - ☐ 3. $\frac{1}{\sqrt{3}}$
 - ☐ 4. $\frac{3}{2}$

Q.16 The average of the squares of the first 46 natural numbers is

- Ans
- ☐ 1. 729.5
 - ☒ 2. 728.5
 - ☐ 3. 727.5
 - ☐ 4. 730.5

Q. 17 Find the gain percentage, given that Siddhi sold her scooter for ₹24318 gaining $\frac{1}{6}$ th of the selling price.

Ans ☒ 1. 20%

☐ 2. 35%

☐ 3. 25%

☐ 4. 5%

Q.18 For the following equations, what are the values of a and b to have infinitely many solutions?

$$ax + by = 2$$

$$3x - (5 - 2a)y = 6$$

Ans ☐ 1. $a = -1, b = -1$

☐ 2. $a = -1, b = 1$

☒ 3. $a = 1, b = -1$

☐ 4. $a = 1, b = 1$

Q.19 Which of following numbers is NOT divisible by 11?

Ans ☐ 1. 109153

☐ 2. 5445

☒ 3. 128041

☐ 4. 80124

Q.20 If $m + n = 24$, then $(m - 16)^3 + (n - 8)^3$ is ____.

Ans ☒ 1. 0

☐ 2. 40

☐ 3. 576

☐ 4. 320

Q.21 In $\triangle DEF$, the bisector of $\angle D$ intersects side EF at point N. If $DE = 36$ cm, $DF = 40$ cm and $EF = 38$ cm, then the length (in cm) of NF is ____.

Ans ☐ 1. 16

☒ 2. 20

☐ 3. 18

☐ 4. 12

Q.22 The ratio between male and female members in a club is 2 : 3. If the number of male members is increased by 200, the ratio becomes 5 : 6. How many female members are there in the club?

Ans ☒ 1. 1200

☐ 2. 900

☐ 3. 1400

☐ 4. 1000

Q.23 The MP of an article was Rs.180 and it was sold at a discount of 15%, the discount in Rs. is:

Ans ☐ 1. 12

☐ 2. 15

☒ 3. 27

☐ 4. 18

Q.24 In a garden, there are 6 daisy plants the first year. Each year, a gardener adds 3 new daisy plants. He has 26 jasmine plants the first year and loses 2 each year. When will the number of daisy plants equal to the number of jasmine plants after the first year?

- Ans**
- ☒ 1. 5 years
 - ☐ 2. 4 years
 - ☐ 3. 2 years
 - ☐ 4. 6 years

Q.25 From a point T, the length of the tangent to a circle is 32 cm and the distance of T from the centre is 40 cm. The diameter (in cm) of the circle is:

- Ans**
- ☐ 1. 36
 - ☐ 2. 16
 - ☐ 3. 32
 - ☒ 4. 48

Section : English Comprehension

Q.1 Select the most appropriate synonym of the underlined word.
Many people love to visit enchanted hills.

- Ans**
- ☒ 1. alluring
 - ☐ 2. cool
 - ☐ 3. risky
 - ☐ 4. echoing

Q.2 Select the most appropriate ANTONYM of the word in brackets to fill in the blank.
She has _____ (witty) remarks about everything.

- Ans**
- ☐ 1. sorry
 - ☐ 2. whimsical
 - ☒ 3. unamusing
 - ☐ 4. woeful

Q.3 Select the sentence that does NOT have a spelling error.

- Ans**
- ☐ 1. The paintings are structured chronologically, starting from cubism to surrealism.
 - ☐ 2. The artist received recognition for her impressive etchings, buclic landscapes, and recreation of natural scenes around her.
 - ☒ 3. The insouciance of the rock star considering the importance of the occasion, came as a shock to the audience who expected stressful moments.
 - ☐ 4. The focus of the exibition is to reinforce versatility and creative thinking.

Q.4 Select the most appropriate synonym of the given word.
Repulse

- Ans**
- ☒ 1. Repel
 - ☐ 2. Substitute
 - ☐ 3. Recover
 - ☐ 4. Reprove

Q.5 The given sentence is divided into four segments. Select the option that has the segment with a grammatical error.
The employees were comfortable / with me and they talked about / their problems since / I has worked there as a manager.

- Ans**
- ☒ 1. I has worked there as a manager.
 - ☐ 2. with me and they talked about
 - ☐ 3. their problems since
 - ☐ 4. The employees were comfortable

Q.6 Parts of a sentence are given below in jumbled order. Select the option that arranges the parts in the correct sequence to form a meaningful sentence.

(P) the sun

(Q) to our planet, Earth

(O) provides essential energy

(R) sustaining life and warmth

Ans ✓ 1. POQR

✗ 2. QROP

✗ 3. ROQP

✗ 4. ORPQ

Q.7 Select the correct option to form a meaningful sentence.

I / that / the chef / to work / in / the new / heard / restaurant / is going / across the road.

(a) (b) (c) (d) (e) (f) (g) (h) (i) (j)

Ans ✗ 1. a, c, g, b, h, i, f, e, d, j

✗ 2. a, b, d, c, e, f, h, g, i, j

✗ 3. a, b, d, c, g, e, f, h, i, j

✓ 4. a, g, b, c, i, d, e, f, h, j

Q.8 Select the most appropriate synonym of the word in brackets to fill in the blank.
Listening to the same lecture everyday appeared very _____ to him. (boring)

Ans ✓ 1. monotonous

✗ 2. furious

✗ 3. nervous

✗ 4. monolithic

Q.9 Select the most appropriate option to substitute the underlined segment in the given sentence.
My sisters wished me good luck before I went on the stage to sing.

Ans ✗ 1. Told me to sit on the fence

✓ 2. Told me to break a leg

✗ 3. Told me to break the ice

✗ 4. Told me to break an arm

Q.10 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Five years later, I was eating this same dish at the same restaurant.

Ans ✗ 1. will have be eating

✗ 2. has been eating

✓ 3. am eating

✗ 4. had been eating

Q.11 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

O. went

P. yesterday

Q. we

R. to the

S. park

Ans ✗ 1. RQOSP

✗ 2. OPQRS

✗ 3. PSROQ

✓ 4. QORSP

Q.12 Select the **INCORRECTLY** spelt word in the given sentence.

One must be confident of winning and gaining one's goals and must face situations, disasters, trials and setbacks of life with confidence.

- Ans**
- ☐ 1. Trials
 - ☐ 2. Disasters
 - ☐ 3. Confident
 - ☒ 4. Setbacks

Q.13 Select the most appropriate **ANTONYM** of the given word.
Paralysed

- Ans**
- ☐ 1. Demure
 - ☐ 2. Stifled
 - ☐ 3. Sultry
 - ☒ 4. Healthy

Q.14 Select the option that can be used as a one-word substitute for the given group of words.

The list of subjects to be discussed at a meeting

- Ans**
- ☐ 1. Minutes
 - ☐ 2. Objectives
 - ☒ 3. Agenda
 - ☐ 4. Menu

Q.15 Select the option that expresses the given sentence in active voice.
The drug pedlar was arrested by the narcotics team.

- Ans**
- ☐ 1. The narcotics team was arrested the drug pedlar.
 - ☐ 2. The narcotics team arrest the drug pedlar.
 - ☒ 3. The narcotics team arrested the drug pedlar.
 - ☐ 4. The narcotics team has arrested the drug pedlar.

Q.16 The following sentence has been divided into four segments. Identify the segment that contains an adverbial usage error.
Mr. Arun / will pay dear / for his / financial mistake.

- Ans**
- ☒ 1. will pay dear
 - ☐ 2. Mr. Arun
 - ☐ 3. for his
 - ☐ 4. financial mistake

Q.17 Select the most appropriate option to fill in the blank.

We have postponed this movie outing too many times, so we are going tomorrow, come _____ or shine.

- Ans**
- ☒ 1. rain
 - ☐ 2. mountain
 - ☐ 3. hail
 - ☐ 4. thunder

Q.18 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

- A. needs to be
- B. the shelf in
- C. a piece of wood
- D. the kitchen
- E. need to buy
- F. replaced, so I will

- Ans**
- ☐ 1. BEFCAD
 - ☐ 2. ACDBFE
 - ☐ 3. DEBACF
 - ☒ 4. BDAFEC

Q.19 Select the option that expresses the given sentence in passive voice.

Scientists were conducting experiments on the newly discovered species.

- Ans**
- ☐ 1. Experiments on the newly discovered species had been conducted by the scientists.
 - ☐ 2. The newly discovered species has been conducting experiments by scientists.
 - ☐ 3. The newly discovered species has been experimented on by scientists.
 - ☒ 4. Experiments were being conducted on the newly discovered species by scientists.

Q.20 Select the most appropriate option to fill in the blanks.

He had _____ the _____ into smaller clips.

- Ans**
- ☐ 1. clipping, clips
 - ☐ 2. clipping, clipped
 - ☐ 3. clips, clipping
 - ☒ 4. clipped, clipping

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.

People often say that the stars govern their fate but they forget the fact that success or failure is the result of one's own (1)_____. If we sow chaff, we can't reap grain; and the result or consequence of an action depends on what one does and to the extent he (2)_____ it. If we work hard, we succeed only to the extent that we work. People who think that the law of karma is (3)_____ may feel that if one is destined to get something he will always get it whether he strives for it or not. But experience tells us that reward and punishments are the direct result of our action. Honesty and hard work never go unrewarded and (4)_____ and evil deeds never go (5)_____. In fact even the law of karma, in its proper sense, means that the fruit we get is decided by whatever actions we did in the past.

SubQuestion No : 21

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

- Ans**
- ☐ 1. power
 - ☐ 2. incidents
 - ☐ 3. case
 - ☒ 4. actions

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.

People often say that the stars govern their fate but they forget the fact that success or failure is the result of one's own (1)_____. If we sow chaff, we can't reap grain; and the result or consequence of an action depends on what one does and to the extent he (2)_____ it. If we work hard, we succeed only to the extent that we work. People who think that the law of karma is (3)_____ may feel that if one is destined to get something he will always get it whether he strives for it or not. But experience tells us that reward and punishments are the direct result of our action. Honesty and hard work never go unrewarded and (4)_____ and evil deeds never go (5)_____. In fact even the law of karma, in its proper sense, means that the fruit we get is decided by whatever actions we did in the past.

SubQuestion No : 22

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

- Ans**
- ☒ 1. does
 - ☐ 2. have
 - ☐ 3. create
 - ☐ 4. put

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.

People often say that the stars govern their fate but they forget the fact that success or failure is the result of one's own (1)_____. If we sow chaff, we can't reap grain; and the result or consequence of an action depends on what one does and to the extent he (2)_____ it. If we work hard, we succeed only to the extent that we work. People who think that the law of karma is (3)_____ may feel that if one is destined to get something he will always get it whether he strives for it or not. But experience tells us that reward and punishments are the direct result of our action. Honesty and hard work never go unrewarded and (4)_____ and evil deeds never go (5)_____. In fact even the law of karma, in its proper sense, means that the fruit we get is decided by whatever actions we did in the past.

SubQuestion No : 23

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

- Ans**
- ☒ 1. supreme
 - ☐ 2. greatest
 - ☐ 3. more
 - ☐ 4. most

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.

People often say that the stars govern their fate but they forget the fact that success or failure is the result of one's own (1)_____. If we sow chaff, we can't reap grain; and the result or consequence of an action depends on what one does and to the extent he (2)_____ it. If we work hard, we succeed only to the extent that we work. People who think that the law of karma is (3)_____ may feel that if one is destined to get something he will always get it whether he strives for it or not. But experience tells us that reward and punishments are the direct result of our action. Honesty and hard work never go unrewarded and (4)_____ and evil deeds never go (5)_____. In fact even the law of karma, in its proper sense, means that the fruit we get is decided by whatever actions we did in the past.

SubQuestion No : 24

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

- Ans**
- ☐ 1. horribly
 - ☐ 2. badly
 - ☒ 3. dishonesty
 - ☐ 4. fairness

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.

People often say that the stars govern their fate but they forget the fact that success or failure is the result of one's own (1)_____. If we sow chaff, we can't reap grain; and the result or consequence of an action depends on what one does and to the extent he (2)_____ it. If we work hard, we succeed only to the extent that we work. People who think that the law of karma is (3)_____ may feel that if one is destined to get something he will always get it whether he strives for it or not. But experience tells us that reward and punishments are the direct result of our action. Honesty and hard work never go unrewarded and (4)_____ and evil deeds never go (5)_____. In fact even the law of karma, in its proper sense, means that the fruit we get is decided by whatever actions we did in the past.

SubQuestion No : 25

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

- Ans**
- ☒ 1. unpunished
 - ☐ 2. vile
 - ☐ 3. punished
 - ☐ 4. waste