

## Score Card

Section Name	No. of Questions	Attempted	Not Attempted	Right	Wrong	Bonus	Marks
General Intelligence and Reasoning	25	17	8	17	0	0	34
General Awareness	25	8	17	3	5	0	3.5
Quantitative Aptitude	25	9	16	6	3	0	10.5
English Comprehension	25	20	5	13	7	0	22.5
Total Marks : 70.5				Total Percentage : 35.25%			

## Question Paper With Answer Key

## Combined Graduate level Examination 2023 Tier I

Roll Number	4419003305
Candidate Name	SAGAR NANDY
Venue Name	iON Digital Zone iDZ Kalyani
Exam Date	17/07/2023
Exam Time	5:15 PM - 6:15 PM
Subject	Combined Graduate Level Examination Tier I 2023

## Section : General Intelligence and Reasoning

Q.1 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. 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)

(44, 63, 98)

(59, 99, 149)

Ans ✓1. (81, 15, 87)

✗2. (82, 13, 96)

✗3. (19, 32, 44)

✗4. (54, 73, 121)

Question ID :264330130347

Status : Not Attempted and Marked For Review

Chosen --

Option :

Q.2 Select the option that represents the letters that, when placed from left to right in the blanks, will complete the letter series.

\_ B \_ T F H B N \_ F I \_ N T F \_ B N T F

- Ans
- ☐ 1. G B J N T
  - ☐ 2. G J N T B
  - ☐ 3. G T N J B
  - ☒ 4. G N T B J

Question ID :264330143771  
Status :Answered  
Chosen Option :4

Q.3 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(2, 1, 5)

(5, 12, 22)

(6, 2, ?)

(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)

- Ans
- ☐ 1. 8
  - ☐ 2. 12
  - ☐ 3. 6
  - ☒ 4. 14

Question ID :26433082458  
Status :Answered  
Chosen Option :4

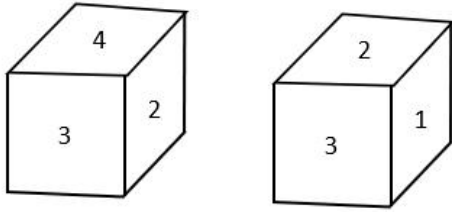
Q.4 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Lambast
2. Lighten
3. Legacy
4. Languish
5. Laughter
6. Lightly

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

Question ID :264330129465  
Status :Answered  
Chosen Option :1

Q.5 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one showing 1.



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

Question ID :26433068024  
 Status :Answered  
 Chosen Option :4

Q.6 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.

PLANT : VPCNR :: STOMP : ROQVU :: BOARD : ?

- Ans ☐ 1. DPCTF  
☒ 2. FTCQD  
☐ 3. DQCTF  
☐ 4. FTDQC

Question ID :26433090886  
 Status :Answered  
 Chosen Option :2

Q.7 In this question, 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 follows/follow from the statements.

Statements:

- Some spoons are black.
- All black are crows.
- No crow is a plate.

Conclusions:

- I. Some black are spoons.
- II. All crows are black.
- III. No plate is a crow.

- Ans ☐ 1. Only conclusion II follows.  
☐ 2. None of the conclusions follows.  
☒ 3. Only conclusions I and III follow.  
☐ 4. Only conclusion I follows.

Question ID :264330114235  
 Status :Answered  
 Chosen Option :3

Q.8 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

- Ans ☐ 1. AYZ  
☐ 2. CAX  
☐ 3. FDU  
☒ 4. HDS

Question ID :26433092560

Status : Not Attempted and Marked For Review

Chosen : --

Option : --

Q.9 Which of the following numbers will replace the question mark (?) in the given series?

325, 271, 226, ? , 163, 145, 136

- Ans ☐ 1. 186  
☒ 2. 190  
☐ 3. 180  
☐ 4. 196

Question ID :26433090937

Status :Not Answered

Chosen Option :--

Q.10 Which of the following interchanges of signs would make the given equation correct?

$$100 + 100 \times 50 - 2 \div 3 = 51$$

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

Question ID :264330117863

Status :Answered

Chosen Option :3

Q.11 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(14, 10, 9)

(6, 8, 2)

(8, 4, ?)

(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)

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

Question ID :26433082456

Status :Not Answered

Chosen Option :--

Q.12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some pens are boxes.

No box is a fan.

Some pens are fans.


Conclusions:

I. No pen is a fan.


II. No box is a pen.


III. Some fans are pens.

IV. Some boxes are pens.

Ans  1. Only conclusions III and IV follow

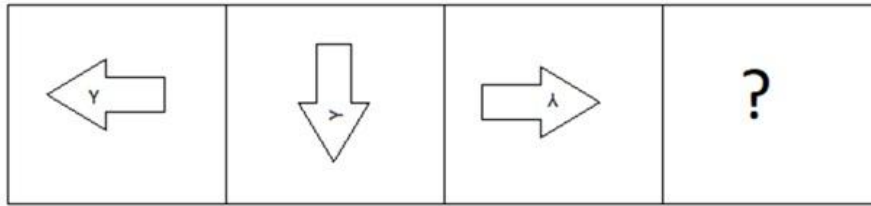
 2. Only conclusions II and IV follow

 3. Only conclusions I and II follow

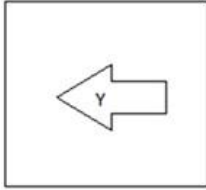
 4. Only conclusions I and III follow

Question ID :26433068560  
Status :Answered  
Chosen Option :1

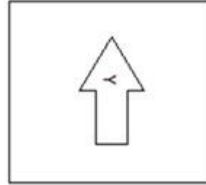
Q.13 Select the figure that will come next in the following figure series.



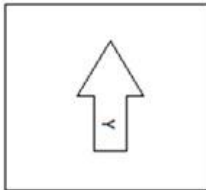
Ans ✗1.



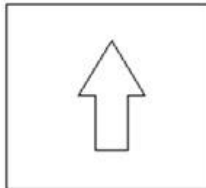
✓2.



✗3.



✗4.



Question ID :26433087067  
Status :Answered  
Chosen Option :2

Q.14 Select the correct combination of mathematical signs to sequentially fill in the diamond-shapes and to balance the given equation.

$$56 \diamond 8 \diamond 4 \diamond 7 \diamond 50 \diamond 15$$

Ans ✗1.  $\div, \times, =, +, +$

✗2.  $+, =, \div, \times, +$

✓3.  $\div, \times, +, =, -$

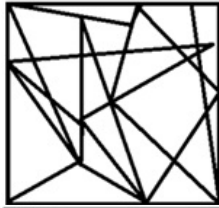
✗4.  $\div, \times, -, =, \times$

Question ID :264330104008  
Status :Answered  
Chosen Option :3

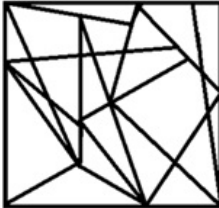
Q.15 Select the option figure in which the given figure is embedded (rotation is NOT allowed).



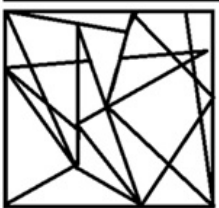
Ans ✓1.



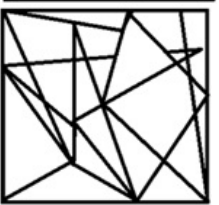
✗2.



✗3.



✗4.



Question ID :26433067433  
Status :Not Answered  
Chosen Option :--

Q.16 In a certain code language, 'STAR' is written as '8110291', 'GIFT' is written as '02697'. How will 'DOLL' be written in that language?

Ans ✗1. 2121154

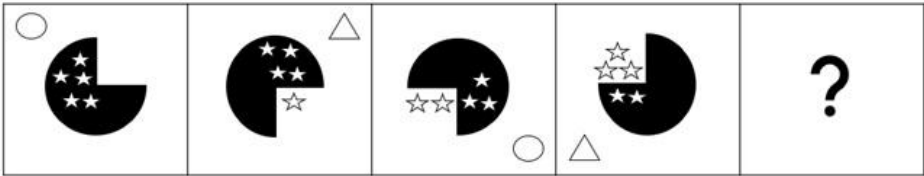
✓2. 2121514

✗3. 2112514

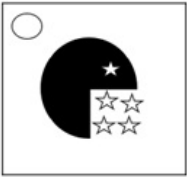
✗4. 2121524

Question ID :26433091587  
Status :Not Answered  
Chosen Option :--

Q.17 Select the figure that will come in place of the question mark (?) in the following figure series.



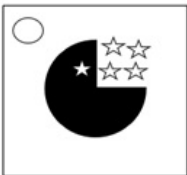
Ans ✗1.



✗2.



✓3.



✗4.



Question ID :26433076565  
Status :Answered  
Chosen Option :3

Q.18 Which of the following terms will replace the question mark (?) in the given series?

SHP, RIO, PKN, MNM, ?

Ans ✗1. JRL

✗2. ISL

✗3. IQL

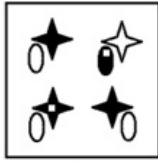
✓4. IRL

Question ID :26433086945  
Status :Answered  
Chosen Option :4

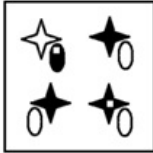


Q.19 Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

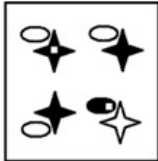
Problem figure:



Ans ✓1.



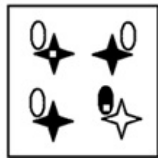
✗2.



✗3.



✗4.



Question ID :26433067400  
Status :Answered  
Chosen Option :1

Q.20 'A + B' means 'A is the father of B'.

'A – B' means 'A is the son of B'.

'A × B' means 'A is the sister of B'.

'A ÷ B' means 'A is the wife of B'.

If  $H + I - J \times K \times L - M \div N$ , then which of the following statements is NOT correct?

Ans ✗1. H is the husband of the sister of K.

✗2. H is the husband of the sister of L.

✗3. H is the husband of the daughter of M.

✓4. J is the wife of the son of M.

Question ID :264330122043  
Status :Answered  
Chosen Option :4

Q.21 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.)

(12, 15, 18)

(10, 8, 6)

- Ans ☐ 1. (19, 18, 1)  
☐ 2. (13, 10, 17)  
☐ 3. (14, 28, 14)  
☒ 4. (15, 20, 25)

Question ID :26433069238  
Status :Not Answered  
Chosen Option :--

Q.22 'Blatant' is related to 'Open' in the same way as 'Secret' is related to '\_\_\_\_\_'.  
\_\_\_\_\_.

- Ans ☐ 1. Obvious  
☒ 2. Covert  
☐ 3. Free  
☐ 4. Overt

Question ID :264330101123  
Status :Answered  
Chosen Option :2

Q.23 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.

- Ans ☐ 1. 6 : 222  
☒ 2. 4 : 70  
☐ 3. 7 : 350  
☐ 4. 3 : 30

Question ID :26433066050  
Status :Answered  
Chosen Option :2

Q.24 Select the option figure in which the given figure is embedded. (Rotation is NOT allowed.)



Ans ☒ 1.



☒ 2.



☒ 3.



☒ 4.



Question ID :26433091607  
Status :Answered  
Chosen Option :4

Q.25 In a certain code language, 'CROW' is coded as '6970' and 'ORCA' is coded as '7569'.

What is the code for 'W' in the given code language?

Ans ☒ 1. 9

☒ 2. 7

☒ 3. 6

☒ 4. 0

Question ID :264330126010  
Status :Not Answered  
Chosen Option :--

### Section : General Awareness

Q.1 Which of the following hill stations do NOT experience snowfall in winters?

Ans ☒ 1. Srinagar

☒ 2. Shimla

☒ 3. Ooty

☒ 4. Nainital

Question ID :26433054936  
Status :Answered  
Chosen Option :3

Q.2 For which discovery did William Bradford Shockley, John Bardeen and Walter Houser Brattain jointly receive the Nobel Prize in Physics in 1956?

- Ans
- ☐ 1. Discovery of electromagnetic induction
  - ☒ 2. Discovery of transistor effect
  - ☐ 3. Discovery of receptors for temperature and touch
  - ☐ 4. Discovery of thermionic emission

Question ID :264330110039  
Status :Not Answered  
Chosen Option :--

Q.3 Paramvir Chakra, Ashok Chakra and Vir Chakra are presented during the celebration of which day?

- Ans
- ☒ 1. Republic Day
  - ☐ 2. Gandhi Jayanti
  - ☐ 3. Independence Day
  - ☐ 4. Indian Air Force Day

Question ID :264330111145  
Status :Answered  
Chosen Option :3

Q.4 Intensive agriculture implies\_\_\_\_\_.

- Ans
- ☐ 1. spreading farming across more states of India
  - ☐ 2. cultivating large farms with moderately low inputs of labour and capital
  - ☒ 3. use of more labour and capital inputs on the given land under cultivation
  - ☐ 4. bringing more land under cultivation

Question ID :264330112483  
Status :Not Answered  
Chosen Option :--

Q.5 Which group of rivers is a part of the peninsular drainage system?

- Ans
- ☐ 1. Ganga and Yamuna
  - ☐ 2. Damodar and Sarda
  - ☐ 3. Gandak and Ghaghra
  - ☒ 4. Mahanadi and Godavari

Question ID :264330116471  
Status :Not Answered  
Chosen Option :--

Q.6 Which of the following statements are correct regarding the Centre-State Relations pertaining to the three lists of the Indian Constitution?

A.The subjects which are not included in any of the three lists are called Residuary subjects.

B.If there is any conflict between the Union List and the State List, then the former prevails.

C.When the Parliament enacts a law on the request of two or more states, then that law made by the Parliament on the State List is applicable to all the states.

- Ans ☒ 1. A and B only  
☐ 2. B and C only  
☐ 3. A, B and C  
☐ 4. A and C only

Question ID :264330119700  
Status :Not Answered  
Chosen Option :--

Q.7 Who among the following was the slave-general of Alauddin Khilji, who led his army in the battle against Ramachandra of Devagiri?

- Ans ☐ 1. Ulugh Khan  
☐ 2. Nusrat Khan  
☐ 3. Zafar Khan  
☒ 4. Malik Kafur

Question ID :264330113565  
Status :Answered  
Chosen Option :4

Q.8 Nana Sahib, a rebel at Kanpur was the son of which of the following Peshwas?

- Ans ☐ 1. Balaji Baji Rao  
☐ 2. Balaji Vishwanath  
☒ 3. Baji Rao II  
☐ 4. Baji Rao I

Question ID :264330132668  
Status :Not Answered  
Chosen Option :--

Q.9 What is the child sex ratio in India in the 2011 Census?

- Ans ☐ 1. 911 females per 1000 males  
☒ 2. 914 females per 1000 males  
☐ 3. 814 females per 1000 males  
☐ 4. 941 females per 1000 males

Question ID :264330144085  
Status :Answered  
Chosen Option :1

Q.10 Borgeet is associated with which Indian classical dance form?

- Ans ☐ 1. Kuchipudi  
☐ 2. Manipuri  
☒ 3. Sattriya  
☐ 4. Odissi

Question ID :264330109584  
Status :Not Answered  
Chosen Option :--

Q.11 What helps making the acidic food alkaline that is coming from the stomach?

- Ans ☐ 1. Pepsin  
☒ 2. Bile juice  
☐ 3. Gastric juice  
☐ 4. Hydrochloric acid

Question ID :26433087860  
Status :Answered  
Chosen Option :4

Q.12 If the government revenue expenditure exceeds revenue receipt, it is called:

- Ans ☐ 1. primary deficit  
☐ 2. fiscal deficit  
☒ 3. revenue deficit  
☐ 4. capital deficit

Question ID :26433066614  
Status :Not Answered  
Chosen Option :--

Q.13 Ashoka sent a mission to spread the principle of Dhamma led by his son, Mahendra and daughter, Sanghamitra to \_\_\_\_\_.

- Ans ☐ 1. Thailand  
☐ 2. Cambodia  
☒ 3. Ceylon  
☐ 4. Kalinga

Question ID :264330114809  
Status :Not Answered  
Chosen Option :--

Q.14 'BFSI' stands for Banking, Financial Services and \_\_\_\_\_ in India. It is a broad term for industries that offer financial products and services.

- Ans ☒ 1. Insurance  
☐ 2. Investment  
☐ 3. Inflation  
☐ 4. Index Fund

Question ID :264330111314  
Status :Answered  
Chosen Option :1

Q.15 Match column A with column B.

Column A (Type of algae)

- a. Blue-green algae
- b. Red algae
- c. Green algae
- d. Brown algae

Column B (Proper Name)

- i. Sargassum
- ii. Chlamydomonas
- iii. Rhodophyta
- iv. Cyanobacteria

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

Question ID :264330132853  
Status :Not Answered  
Chosen Option :--

Q.16 On 7 November 2022, Prime Minister Narendra Modi attended and offered prayers at celebrations of the \_\_\_\_\_ Prakash Parv of Shri Guru Nanak Dev Ji at New Delhi.

- Ans
- ☒ 1. 551<sup>st</sup>
  - ☒ 2. 553<sup>rd</sup>
  - ☒ 3. 550<sup>th</sup>
  - ☒ 4. 552<sup>nd</sup>

Question ID :264330137255  
Status :Not Answered  
Chosen Option :--

Q.17 Schools and hostels under the Ministry of Education's Samagra Shiksha scheme will be renamed after:

- Ans
- ☒ 1. Shyama Prashad Mukharjee
  - ☒ 2. Sardar Vallabhbhai Patel
  - ☒ 3. Deen Dayal Upadhyaya
  - ☒ 4. Netaji Subhas Chandra Bose

Question ID :26433072898  
Status :Not Answered  
Chosen Option :--

Q.18 Who was behind publishing the first News Paper in India?

- Ans
- ☒ 1. Harishchandra Mukherjee
  - ☒ 2. Deen Bandhu Mitra
  - ☒ 3. Hem Chandrakar
  - ☒ 4. James Augustus Hickey

Question ID :264330109051  
Status :Not Answered  
Chosen Option :--

Q.19 Haryana government announced \_\_\_\_\_ to provide support to women entrepreneurs, on International Women's Day 2022.

- Ans
- ☒ 1. Matrushakti Udaymita Scheme
  - ☒ 2. UJJWALA Scheme
  - ☒ 3. Mahila E-Haat Scheme
  - ☒ 4. SWADHAR Scheme

Question ID :264330122344  
Status :Not Answered  
Chosen Option :--

Q.20 What happens to the atomic size as you go down the group?

- Ans ☐ 1. Triples  
☐ 2. No change  
☒ 3. Increases  
☐ 4. Decreases

Question ID :264330134869  
Status :Not Answered  
Chosen Option :--

Q.21 Padma Shri awardee in 2022, Arjun Singh Dhurve, is a tribal dancer of which of the following dance forms?

- Ans ☐ 1. Chhau  
☒ 2. Baiga  
☐ 3. Tertali  
☐ 4. Santhal

Question ID :26433055411  
Status :Not Answered  
Chosen Option :--

Q.22 The number of on-field umpires in cricket matches is \_\_\_\_\_.

- Ans ☐ 1. 1  
☐ 2. 3  
☒ 3. 2  
☐ 4. 4

Question ID :264330109723  
Status :Not Answered  
Chosen Option :--

Q.23 Which country will host the 2031 Cricket World Cup ?

- Ans ☐ 1. West Indies  
☒ 2. India and Bangladesh  
☐ 3. Australia  
☐ 4. England

Question ID :264330110324  
Status :Not Answered  
Chosen Option :--

Q.24 The musician Sivamani is associated with which musical instrument?

- Ans ☐ 1. Sarod  
☐ 2. Violin  
☒ 3. Drums  
☐ 4. Shehnai

Question ID :26433066692  
Status :Answered  
Chosen Option :1

Q.25 The Fundamental Duties of citizens were added to the Constitution of India, upon the recommendations of which of the following committees?

- Ans ☒ 1. Swaran Singh Committee  
☐ 2. Kelkar Committee  
☐ 3. Santhanam Committee  
☐ 4. Raja Chelliah Committee

Question ID :264330110778  
Status :Answered  
Chosen Option :2



## Section : Quantitative Aptitude

Q.1 During a division, Pranjal mistakenly took as the dividend a number that was 10% more than the original dividend. He also mistakenly took as the divisor a number that was 25% more than the original divisor. If the correct quotient of the original division problem was 25 and the remainder was 0, what was the quotient that Pranjal obtained, assuming his calculations had no error?

- Ans ☐ 1. 21.75  
☒ 2. 22  
☐ 3. 21.25  
☐ 4. 28.75

Question ID :264330103245  
 Status :Not Answered  
 Chosen Option :--

Q.2 What is the value of  $(27x^3 - 58x^2y + 31xy^2 - 8y^3)$ , when  $x = -5$  and  $y = -7$ ?

- Ans ☐ 1. - 1924  
☒ 2. 1924  
☐ 3. 1926  
☐ 4. - 1926

Question ID :264330114551  
 Status :Not Answered  
 Chosen Option :--

Q.3 A part of a journey is covered in 37.5 minutes at 90 km/h and the remaining part in 14 minutes at 80 km/h. The total distance (in km) of the journey is:

- Ans ☐ 1.  $62\frac{11}{12}$   
☐ 2.  $76\frac{5}{12}$   
☒ 3.  $74\frac{11}{12}$   
☐ 4.  $78\frac{5}{12}$

Question ID :264330129443  
 Status :Not Answered  
 Chosen Option :--

Q.4 Which of the following statements is INCORRECT?

- Ans ☐ 1. Circles are congruent to each other if they have equal radii.  
☐ 2. The ratio of circumference of two circles is equal to the ratio of their radii.  
☐ 3. The perpendicular drawn from the center of the circle on the chord of the circle bisects the chord.  
☒ 4. Radius is the longest chord of a circle.

Question ID :26433082523  
 Status :Answered  
 Chosen Option :2

Q.5 A spherical ball of lead, 3 cm in diameter, is melted and recast into three spherical balls. The diameters of two of these balls are  $\frac{3}{2}$  cm and 2 cm, respectively. Find the diameter of the third ball.

- Ans ☒ 1. 3.3 cm  
☒ 2. 2.1 cm  
☒ 3. 2.5 cm  
☒ 4. 3 cm

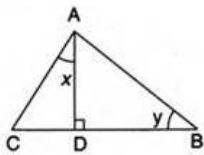
Question ID :26433082785  
 Status :Not Answered  
 Chosen Option :--

Q.6 A six-digit number is divisible by 33. If 54 is added to the number, then the new number formed will also be divisible by:

- Ans ☒ 1. 3  
☒ 2. 7  
☒ 3. 5  
☒ 4. 2

Question ID :264330130061  
 Status :Not Answered  
 Chosen Option :--

Q.7 In the given figure, if  $AD \perp BC$ ,  $AC = 26$  units,  $CD = 10$  units,  $BC = 42$  units,  $\angle DAC = x$  and  $\angle B = y$ , then the value of  $\frac{6}{\cos x} - \frac{5}{\cos y} + 8 \tan y$  is:



- Ans ☒ 1.  $\frac{13}{6}$  units  
☒ 2.  $\frac{15}{7}$  units  
☒ 3.  $\frac{16}{9}$  units  
☒ 4.  $\frac{25}{4}$  units

Question ID :26433075339  
 Status :Answered  
 Chosen Option :4

Q.8 The following table shows the scores of three attempts of Archery players in a tournament. The player scoring the highest average score was declared the best player. Who was the best player?

Player	Score 1	Score 2	Score 3
Angela	62.50	65.00	64.50
Maria	69.05	70.00	67.52
Sareena	73.81	72.50	74.20
Preeti	74.30	75.00	77.50
Deepika	64.29	67.50	63.28

- Ans ☒ 1. Maria  
☒ 2. Angela  
☒ 3. Preeti  
☒ 4. Deepika

Question ID :264330143452  
 Status :Not Answered  
 Chosen Option :--

Q.9 The area of the sector of a circle of radius 12 cm is  $32\pi \text{ cm}^2$ . Find the length of the corresponding arc of the sector.

- Ans
- ☐ 1.  $\frac{8}{3}\pi \text{ cm}$
  - ☐ 2.  $\frac{13}{3}\pi \text{ cm}$
  - ☒ 3.  $\frac{16}{3}\pi \text{ cm}$
  - ☐ 4.  $\frac{10}{3}\pi \text{ cm}$

Question ID :264330143606  
Status :Not Answered  
Chosen Option :--

Q.10 15 men and 21 women, working together, can do a job in 56 days, while 12 men and 24 women, working together, can do the same job in 64 days. In how many days can the same job be done by 18 men and 24 women, working together?

- Ans
- ☐ 1.  $47\frac{6}{19}$
  - ☐ 2.  $47\frac{9}{19}$
  - ☐ 3.  $47\frac{5}{19}$
  - ☒ 4.  $47\frac{3}{19}$

Question ID :26433014514  
Status :Not Answered  
Chosen Option :--

Q.11 A person standing at a distance looks at a building having a height of 1000 metres. The angle between the top of the building and the ground is  $30^\circ$ . At what approximate distance (in metres) is the person standing away from the building.

- Ans
- ☒ 1. 1732
  - ☐ 2. 1000
  - ☐ 3. 936
  - ☐ 4. 1542

Question ID :264330126617  
Status :Not Answered  
Chosen Option :--

Q.12 A can do 20% of a job in 7 days and B can do 25% of the job in 7 days if they worked alone. How much of the job (in percentage) can they complete in 7 days if they worked together?

- Ans
- ☐ 1. 38%
  - ☐ 2. 56%
  - ☒ 3. 45%
  - ☐ 4. 52%

Question ID :264330111485  
Status :Not Answered  
Chosen Option :--

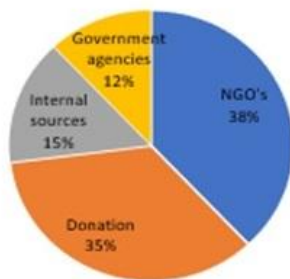
Q.13 20 students of a college went to a hotel. 19 of them spent ₹175 each on their meal and the 20<sup>th</sup> student spent ₹19 more than the average of all the 20. Find the total money spent by them.

- Ans
- ✗ 1. ₹3,490
  - ✗ 2. ₹3,500
  - ✓ 3. ₹3,520
  - ✗ 4. ₹3,540

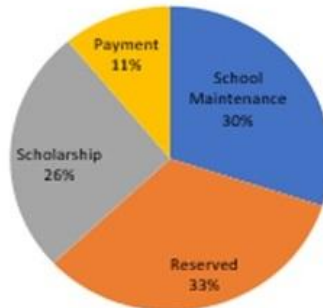
Question ID :264330103384  
Status :Not Answered  
Chosen Option :--

Q.14 Study the given pie-chart carefully and answer the following question.  
If scholarship has to be paid out of the donation fund, then what is the percentage of donation fund used for this purpose (rounded off to two decimal places)?

**The entire fund that school gets from different sources is equal to Rs.10 lakh**



Source of funds in school



Uses of Funds by school

- Ans
- ✗ 1. 75.25%
  - ✓ 2. 74.29%
  - ✗ 3. 80.25%
  - ✗ 4. 72.15%

Question ID :264330131540  
Status :Not Answered  
Chosen Option :--

Q.15  $18 \div \{(6 \text{ of } 2 - 4)\} \times 5(6 - 3) = \underline{\hspace{2cm}}$ .

- Ans
- ✓ 1.  $\frac{135}{4}$
  - ✗ 2.  $\frac{153}{4}$
  - ✗ 3.  $\frac{154}{4}$
  - ✗ 4.  $\frac{145}{4}$

Question ID :264330143489  
Status :Answered  
Chosen Option :1

Q.16 What is the value of  $\frac{x}{y}$  if  $\frac{x-5y}{x+5y} = \frac{7}{13}$ .

- Ans ☒ 1.  $\frac{24}{9}$   
☒ 2.  $\frac{23}{7}$   
☒ 3.  $\frac{50}{3}$   
☒ 4.  $\frac{100}{7}$

Question ID :264330103331  
 Status :Not Answered  
 Chosen Option :--

Q.17  $\frac{\sin^4 \theta + \cos^4 \theta}{1 - 2\sin^2 \theta \cdot \cos^2 \theta} = \underline{\hspace{2cm}}$ .

- Ans ☒ 1. 1  
☒ 2. 2  
☒ 3. 0  
☒ 4. -1

Question ID :264330143526  
 Status :Answered  
 Chosen Option :1

Q.18 A sector of a circle of radius 10 cm is formed at  $60^\circ$  angle at the centre.  
 What will be its area (take  $\pi = 3.14$ )?

- Ans ☒ 1.  $52.33 \text{ cm}^2$   
☒ 2.  $60.67 \text{ cm}^2$   
☒ 3.  $55.00 \text{ cm}^2$   
☒ 4.  $75.28 \text{ cm}^2$

Question ID :26433085776  
 Status :Not Answered  
 Chosen Option :--

Q.19 If  $(x + \frac{1}{x}) = 10$ , what is the value of  $(x^4 + \frac{1}{x^4})$ ?

- Ans ☒ 1. 9600  
☒ 2. 9602  
☒ 3. 9606  
☒ 4. 9604

Question ID :264330114540  
 Status :Answered  
 Chosen Option :2

Q.20 If the selling price of an article is doubled, then the profit becomes four times. What was the original profit percentage?

- Ans ☒ 1. 100%  
☒ 2. 50%  
☒ 3. 25%  
☒ 4. 75%

Question ID :26433091537  
 Status :Answered  
 Chosen Option :3

Q.21 Racer A and racer B run a race of 18 km on a circular track of length 800 m. Both complete one round in 200 sec and 250 sec, respectively. After how much time from the start will the faster person meet the slower person for the last time?

- Ans
- ☒ 1. 2700 sec
  - ☒ 2. 2250 sec
  - ☒ 3. 4000 sec
  - ☒ 4. 1800 sec

Question ID :26433072976  
Status :Not Answered  
Chosen Option :--

Q.22 A can complete a work in 18 days, while B can complete it in 12 days. B worked on it for 4 days. How long will A take to finish the remaining work?

- Ans
- ☒ 1. 16 days
  - ☒ 2. 12 days
  - ☒ 3. 10 days
  - ☒ 4. 14 days

Question ID :264330104538  
Status :Answered  
Chosen Option :2

Q.23 A dealer marks his goods at 20% above the cost price and allows a discount of 15% on the marked price. What is his gain or loss percentage?

- Ans
- ☒ 1. 2% loss
  - ☒ 2. 4% gain
  - ☒ 3. 4% loss
  - ☒ 4. 2% gain

Question ID :264330103721  
Status :Answered  
Chosen Option :1

Q.24 Simplify the expression.

$$\frac{3.35^2 - 1.25^2}{3.35 + 1.25} = ?$$

- Ans
- ☒ 1. 2.1
  - ☒ 2. 4.10
  - ☒ 3. 4.60
  - ☒ 4. 3.10

Question ID :264330145538  
Status :Answered  
Chosen Option :1

Q.25 Money was lent on simple interest. After 12 years, its simple interest becomes  $\frac{3}{5}$  of the money. Find the rate of interest.

- Ans
- ☒ 1. 3% p.a.
  - ☒ 2. 5% p.a.
  - ☒ 3. 2% p.a.
  - ☒ 4. 4% p.a.

Question ID :264330106005  
Status :Not Answered  
Chosen Option :--

## Section : English Comprehension

Q.1 Select the most appropriate synonym of the underlined word.

The case of Vanuatu in 2020 is a clear example of the constant and complex challenges faced by SIDS. It shows how SIDS are dealing with multiple crises at the same time and how COVID-19 has particularly exposed SIDS' extreme and interlinked vulnerabilities.

- Ans ☒ 1. interlaced  
☐ 2. free  
☐ 3. severe  
☐ 4. continuous

Question ID :26433090774  
Status :Answered  
Chosen Option :1

Q.2 Select the grammatically correct sentence.

- A. It is a old uniform but a memorable thing for me.  
B. It is old uniform but a memorable thing for me.  
C. It is the old uniform but memorable thing for me.  
D. It is an old uniform but a memorable thing for me.

- Ans ☐ 1. B  
☒ 2. D  
☐ 3. A  
☐ 4. C

Question ID :26433073530  
Status :Answered  
Chosen Option :2

Q.3 Select the most appropriate option that can substitute the underlined segment in the given sentence.

They have disposed all the old books.

- Ans ☐ 1. disposed out  
☐ 2. disposed by  
☒ 3. disposed of  
☐ 4. disposed on

Question ID :26433098317  
Status :Not Answered  
Chosen Option :--

Q.4 Select the option that can be used as a one-word substitute for the given group of words.

A person who compiles a dictionary

- Ans ☐ 1. Plagiarist  
☒ 2. Lexicographer  
☐ 3. Bibliophile  
☐ 4. Iconoclast

Question ID :26433088123  
Status :Not Answered  
Chosen Option :--

Q.5 Select the most appropriate option that can substitute the bracketed segment in the given sentence.

The river (flowing) under the bridge.

- Ans ☒ 1. flows  
☒ 2. is flow  
☒ 3. was flow  
☒ 4. is flowed

Question ID :26433096202  
Status :Answered  
Chosen Option :1

Q.6 The sentence given below has one misspelt word. Spot the INCORRECTLY spelt word and select its correct spelling.

Last-bench students are mysterious by nature.

- Ans ☒ 1. Mystirious  
☒ 2. Misterous  
☒ 3. Mysterious  
☒ 4. Misterious

Question ID :26433094790  
Status :Answered  
Chosen Option :3

Q.7 Choose the ANTONYM of the word 'effervescent' in the given sentence.

Sonali is bubbly and carefree in comparison to her sister Mitali's subdued nature.

- Ans ☒ 1. Comparison  
☒ 2. Bubbly  
☒ 3. Carefree  
☒ 4. Subdued

Question ID :26433088900  
Status :Not Answered  
Chosen Option :--

Q.8 Select the most appropriate ANTONYM of the underlined word.

His house was filthy with papers and eatables strewn everywhere.

- Ans ☒ 1. Clean  
☒ 2. Barren  
☒ 3. Dignified  
☒ 4. Integral

Question ID :26433073442  
Status :Answered  
Chosen Option :1



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

To prime the pump

- Ans ☒1. Encourage the growth or action of something'  
☒2. To use a pump efficiently  
☒3. Ask others to be ambitious  
☒4. Manipulate someone to achieve success

Question ID :264330101303  
Status :Answered  
Chosen Option :4

Q.10 Select the most appropriate ANTONYM of the underlined word.

He was uncomfortable at the sport event.

- Ans ☒1. Awkward  
☒2. Difficult  
☒3. Easeful  
☒4. Troublesome

Question ID :264330121048  
Status :Answered  
Chosen Option :3

Q.11 Select the option that expresses the given sentence in passive voice.

She is laughing at me.

- Ans ☒1. I was being laughed at by her.  
☒2. I am being laughed at by her.  
☒3. I had been laughed by her.  
☒4. I have been laughed by her.

Question ID :264330135873  
Status :Answered  
Chosen Option :4

Q.12 Select the most appropriate ANTONYM of the word '**Sophisticated**' from the given sentence.

The tribe had no access to modern technology or resources and had to rely on primitive tools and techniques for survival.

- Ans ☒1. Modern  
☒2. Techniques  
☒3. Technology  
☒4. Primitive

Question ID :264330133354  
Status :Not Answered  
Chosen Option :--

Q.13 Select the option that expresses the given sentence in past tense form.

The declarations which come out from that office are not dependable.

- Ans
- ☐ 1. The declarations which will come out from that office may not be dependable.
  - ☐ 2. The declarations which came out from that office are not dependable.
  - ☒ 3. The declarations which came out from that office were not dependable.
  - ☐ 4. The declarations which come out from that office were not dependable.

Question ID :26433089298  
Status :Answered  
Chosen Option :3

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

Back against the wall

- Ans
- ☐ 1. Be in a difficult situation from where escape is easy
  - ☒ 2. Be in a difficult situation from where escape is difficult
  - ☐ 3. Be in a relationship which one wants to escape
  - ☐ 4. Be in an easy situation from where escape is difficult

Question ID :26433090377  
Status :Answered  
Chosen Option :2

Q.15 Select the option that expresses the given sentence in passive voice.

The audience loved her performance.

- Ans
- ☐ 1. The performance was loved by her.
  - ☐ 2. The performance is loved by the audience.
  - ☒ 3. Her performance was loved by the audience.
  - ☐ 4. The audience will love her performance.

Question ID :264330140237  
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 detailed description of a series of real or fictional events taking place over a long period of time

- Ans
- ☒ 1. Saga
  - ☐ 2. Case study
  - ☐ 3. Journal
  - ☐ 4. Witness

Question ID :26433084595  
Status :Answered  
Chosen Option :2

Q.17 Read the given sentence and select the most appropriate synonym of the word 'Vigilant' from the following options.

The burglar was very cautious, so he avoided the security perfectly as they didn't find any proof.

- Ans ☒ 1. burglar  
☒ 2. security  
☒ 3. proof  
☒ 4. cautious

Question ID :26433089719  
Status :Answered  
Chosen Option :2

Q.18 Select the most appropriate meaning of the given word.

Harangue

- Ans ☒ 1. Strict disciplinarian  
☒ 2. Airplane shed  
☒ 3. Breaker of idols  
☒ 4. A lengthy and aggressive speech

Question ID :26433073747  
Status :Not Answered  
Chosen Option :--

Q.19 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Reasonable  
☒ 2. Blessed  
☒ 3. Prophane  
☒ 4. Laughable

Question ID :26433089848  
Status :Answered  
Chosen Option :3

Q.20 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The management is not beware of this fact.

- Ans ☒ 1. watchful with  
☒ 2. beware to  
☒ 3. awaking to  
☒ 4. aware of

Question ID :26433098971  
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.

Redwing had read (1) \_\_\_\_\_ that one of his favourite writers, Ernest Hemingway, had been asked what was the best (2) \_\_\_\_\_ for a novelist. He had said "an unhappy childhood". Redwing had enjoyed a fine time growing up, but he (3) \_\_\_\_\_ if this whole (4) \_\_\_\_\_ was unfolding more like a novel, and would be (5) \_\_\_\_\_ on one person, one character, the guy in charge: him. Maybe you got a happy childhood and then an unhappy adulthood, and that's how novels worked.

**SubQuestion No : 21**

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

- Ans ☒ 1. somewhere  
☐ 2. careless  
☐ 3. wholesome  
☐ 4. negligently

Question ID :264330139123

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.

Redwing had read (1) \_\_\_\_\_ that one of his favourite writers, Ernest Hemingway, had been asked what was the best (2) \_\_\_\_\_ for a novelist. He had said "an unhappy childhood". Redwing had enjoyed a fine time growing up, but he (3) \_\_\_\_\_ if this whole (4) \_\_\_\_\_ was unfolding more like a novel, and would be (5) \_\_\_\_\_ on one person, one character, the guy in charge: him. Maybe you got a happy childhood and then an unhappy adulthood, and that's how novels worked.

**SubQuestion No : 22**

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

- Ans ☒ 1. training  
☐ 2. nature  
☐ 3. maintenance  
☐ 4. medication

Question ID :264330139124

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.

Redwing had read (1) \_\_\_\_\_ that one of his favourite writers, Ernest Hemingway, had been asked what was the best (2) \_\_\_\_\_ for a novelist. He had said "an unhappy childhood". Redwing had enjoyed a fine time growing up, but he (3) \_\_\_\_\_ if this whole (4) \_\_\_\_\_ was unfolding more like a novel, and would be (5) \_\_\_\_\_ on one person, one character, the guy in charge: him. Maybe you got a happy childhood and then an unhappy adulthood, and that's how novels worked.

**SubQuestion No : 23**

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

- Ans ☐ 1. welded  
☒ 2. wondered  
☐ 3. wandered  
☐ 4. wasted

Question ID :264330139125

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.

Redwing had read (1) \_\_\_\_\_ that one of his favourite writers, Ernest Hemingway, had been asked what was the best (2) \_\_\_\_\_ for a novelist. He had said "an unhappy childhood". Redwing had enjoyed a fine time growing up, but he (3) \_\_\_\_\_ if this whole (4) \_\_\_\_\_ was unfolding more like a novel, and would be (5) \_\_\_\_\_ on one person, one character, the guy in charge: him. Maybe you got a happy childhood and then an unhappy adulthood, and that's how novels worked.

**SubQuestion No : 24**

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

- Ans ☒ 1. expedition  
☐ 2. expiation  
☐ 3. exasperation  
☐ 4. expectation

Question ID :264330139126

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.

Redwing had read (1) \_\_\_\_\_ that one of his favourite writers, Ernest Hemingway, had been asked what was the best (2) \_\_\_\_\_ for a novelist. He had said "an unhappy childhood". Redwing had enjoyed a fine time growing up, but he (3) \_\_\_\_\_ if this whole (4) \_\_\_\_\_ was unfolding more like a novel, and would be (5) \_\_\_\_\_ on one person, one character, the guy in charge: him. Maybe you got a happy childhood and then an unhappy adulthood, and that's how novels worked.

**SubQuestion No : 25**

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

- Ans ☒ 1. bloomed  
☒ 2. blessed  
☒ 3. blamed  
☒ 4. based

Question ID :264330139127

Status :Answered

Chosen Option :2