

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	SANGWAN ACADEMY
Exam Date	24/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : General Intelligence and Reasoning

Q.1 Select the option that is related to the third word in the same way as the second word is related to the first word.

Libya : Tripoli :: Ireland : ?

Ans ☒ 1. Moscow

☒ 2. Dublin

☒ 3. Oslo

☒ 4. Madrid

Question ID : 81616112812

Status : Answered

Chosen Option : 2

Q.2 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans

☒ 1.



☒ 2.



☒ 3.



☒ 4.



Question ID : 81616112826

Status : Answered

Chosen Option : 4

Q.3 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

dq_pln_qt_lnd_tpl_dq_p_n

- Ans ☒ 1. t, d, p, q, n, t, l
☒ 2. t, p, d, q, l, n, t
☒ 3. d, l, n, p, q, t, t
☒ 4. t, t, q, p, n, l, d

Question ID : 81616112816

Status : Answered

Chosen Option : 1

Q.4 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

23 32 16
 3 4 5
 72 132 ?

- Ans ☒ 1. 85
☒ 2. 80
☒ 3. 88
☒ 4. 162

Question ID : 81616113227

Status : Answered

Chosen Option : 1

Q.5 Select the option that is related to the fourth number in the same way as the first number is related to the second number.

21 : 693 :: ? : 792

- Ans ☒ 1. 36
☒ 2. 26
☒ 3. 24
☒ 4. 22

Question ID : 81616113628

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.6 In a certain code language, 'MONTHLY' is written as 'DGMOSJR'. How will 'HEADING' be written in that language?

- Ans ☒ 1. MJNZEXN
☒ 2. MNJEZNX
☒ 3. LINYFZM
☒ 4. LIYNZFM

Question ID : 81616113622

Status : Answered

Chosen Option : 3

Q.7 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

- Ans ☒ 1. 8 : 34
☒ 2. 5 : 24
☒ 3. 6 : 26
☒ 4. 7 : 30

Question ID : 81616113225

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.8 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

- Ans ☒ 1. Taunt
☒ 2. Snub
☒ 3. Regard
☒ 4. Abuse

Question ID : 81616113215

Status : Answered

Chosen Option : 3

Q.9 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

$$512 * 32 * 9 * 100 * 6 * 25 * 2$$

- Ans ☒ 1. ÷, ×, +, =, -, ×
☒ 2. ÷, ×, +, -, =, ×
☒ 3. ÷, ×, -, +, =, ×
☒ 4. +, ×, ÷, =, -, ×

Question ID : 81616113228

Status : Answered

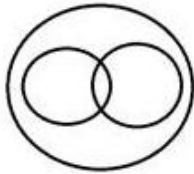
Chosen Option : 3

Q.10 Select the Venn diagram that best illustrates the relationship between the following classes.

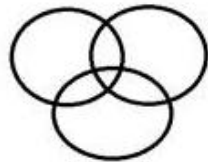
Men, Lyricists, Extroverts

Ans

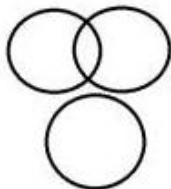
✗ 1.



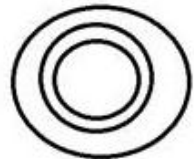
✓ 2.



✗ 3.



✗ 4.



Question ID : 81616113640

Status : Answered

Chosen Option : 2

Q.11 The income of three playback singers Aswath, Sunita and Ramdin are in the ratio of 12 : 9 : 7 and their expenditures are in the ratio 15 : 9 : 8. If Aswath saves 25% of his income, what is the ratio of the savings of Aswath, Sunita and Ramdin?

Ans

✗ 1. 23 : 18 : 11

✗ 2. 25 : 16 : 13

✓ 3. 15 : 18 : 11

✗ 4. 5 : 8 : 7

Question ID : 81616112825

Status : Answered

Chosen Option : 3

Q.12 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

CLAP, HLVP, HQVK, MQQK, ?

- Ans
- ☒ 1. MLQP
 - ☒ 2. RQLK
 - ☒ 3. HQVK
 - ☒ 4. MVQF

Question ID : 81616112808

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.13 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 follows from the statements.

Statements:

All lemons are plums.

All plums are dates.

Some dates are mangoes.

Conclusions:

I. Some lemons are mangoes.

II. Some mangoes are plums.

III. All lemons are dates.

IV. Some mangoes are dates.

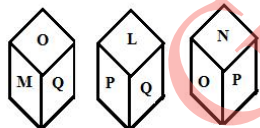
- Ans
- ☒ 1. Both conclusions III and IV follow
 - ☒ 2. Only conclusions II and III follow
 - ☒ 3. Only conclusions I and II follow
 - ☒ 4. Only conclusions I and IV follow

Question ID : 81616113626

Status : Answered

Chosen Option : 1

Q.14 Three different positions of the same dice are shown, the faces of which are marked with the letters L, M, N, O, P and Q. Select the letter that will be on the face opposite to the face having the letter 'M'.



- Ans
- ☒ 1. P
 - ☒ 2. Q
 - ☒ 3. L
 - ☒ 4. N

Question ID : 81616113232

Status : Answered

Chosen Option : 1

Q.15 Pointing to a girl in a college poster, Deepika said, "She is my mother-in-law's only son's niece". How is that girl's mother related to Deepika?

- Ans ☒ 1. Sister
☒ 2. Sister-in-law
☒ 3. Daughter-in-law
☒ 4. Cousin

Question ID : 81616112817

Status : Answered

Chosen Option : 2

Q.16 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

45 9 3
 122 10 12
 116 6 ?

- Ans ☒ 1. 12
☒ 2. 16
☒ 3. 10
☒ 4. 14

Question ID : 81616113630

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.17 Find the number of triangles in the given figure.



- Ans ☒ 1. 17
☒ 2. 13
☒ 3. 19
☒ 4. 15

Question ID : 81616113231

Status : Marked For Review

Chosen Option : 1

Q.18 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

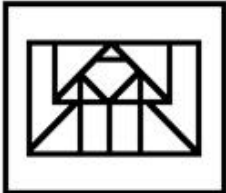


Ans

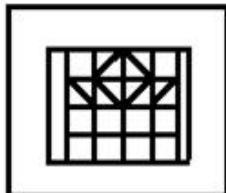
✗ 1.



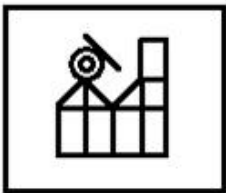
✗ 2.



✓ 3.



✗ 4.



Question ID : 81616112829

Status : Answered

Chosen Option : 3

Q.19 Select the option in which the words share the same relationship as that shared by the given pair of words.

Golf : Course

Ans

✗ 1. Ring : Boxing

✗ 2. Judo : Arena

✓ 3. Cycling : Velodrome

✗ 4. Baseball : Rink

Question ID : 81616112813

Status : Answered

Chosen Option : 2

Q.20 In a certain code language, 'LABOUR' is coded as '279', and 'EXHALE' is coded as '321'. How will 'CAUTIOUS' be coded in that language?

Ans ☒ 1. 535

☒ 2. 525

☒ 3. 553

☒ 4. 552

Question ID : 81616113219

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.21 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

PROTECTION 

Ans

☒ 1. NOITCETORP

☒ 2. NOTICETORYP

☒ 3. ЪKOTECIION

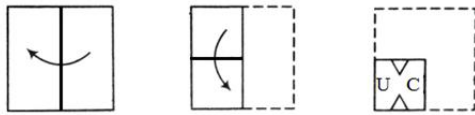
☒ 4. ЪKOTECILON

Question ID : 81616112830

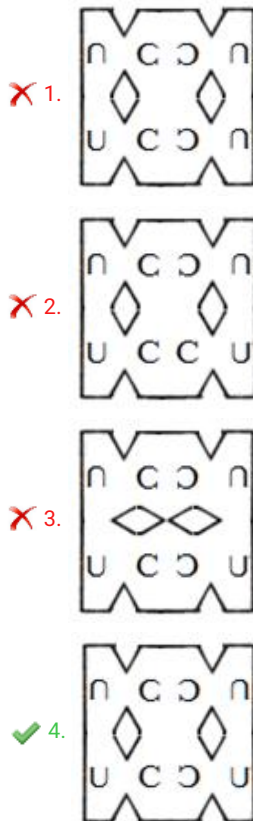
Status : Answered

Chosen Option : 1

Q.22 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



Ans



Question ID : 81616112831

Status : Answered

Chosen Option : 4

Q.23 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Publicity
2. Precision
3. Puberty
4. Pneumonia
5. Perturb

Ans

☒ 1. 5, 3, 2, 4, 1

☒ 2. 5, 4, 2, 1, 3

☒ 3. 5, 4, 2, 3, 1

☒ 4. 5, 2, 4, 1, 3

Question ID : 81616112809

Status : Answered

Chosen Option : 3

Q.24 Select the number from among the given options that can replace the question mark (?) in the following series.

68, 3, 63, 3, 57, 9, 50, 15, 42, 33, 33, ?

- Ans ☒ 1. 63
☐ 2. 66
☐ 3. 33
☐ 4. 36

Question ID : 81616112819

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.25 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans ☐ 1. GKPV
☒ 2. NRIP
☐ 3. RVEK
☐ 4. CGTZ

Question ID : 81616112810

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Section : General Awareness

Q.1 Which of the following pairs of cities became a part of UNESCO's Creative Cities Network in 2019?

- Ans ☐ 1. Jaipur and Delhi
☒ 2. Mumbai and Hyderabad
☐ 3. Kolkata and Ujjain
☐ 4. Chennai and Varanasi

Question ID : 81616113641

Status : **Not Answered**

Chosen Option : --

Q.2 In which of the following years did the Kakori Conspiracy case take place?

- Ans ☐ 1. 1932
☒ 2. 1925
☐ 3. 1919
☐ 4. 1909

Question ID : 81616113250

Status : **Answered**

Chosen Option : 2

Q.3 Who among the following was appointed as the Chairman of Telecom Equipment and Services Export Promotion Council (TEPC) in January 2021?

- Ans
- ☒ 1. Shyamal Ghosh
 - ☒ 2. Sandeep Aggarwal
 - ☒ 3. Sukhbir Singh Sandhu
 - ☒ 4. S Muralidhar

Question ID : **81616112855**
Status : **Answered**
Chosen Option : **2**

Q.4 In which of the following years was the first rocket launched in India?

- Ans
- ☒ 1. 1963
 - ☒ 2. 1977
 - ☒ 3. 1948
 - ☒ 4. 1973

Question ID : **81616113243**
Status : **Marked For Review**
Chosen Option : **2**

Q.5 Who among the following was appointed as the Managing Director of Life Insurance Corporation in February 2021?

- Ans
- ☒ 1. TC Susheel Kumar
 - ☒ 2. Rajeev Arora
 - ☒ 3. Pankaj Jain
 - ☒ 4. Siddhartha Mohanty

Question ID : **81616113240**
Status : **Answered**
Chosen Option : **4**

Q.6 Which phenomenon deals with the scattering of light by molecules of a medium when they are excited to vibrational energy levels?

- Ans
- ☒ 1. Rayleigh Effect
 - ☒ 2. Huygens Effect
 - ☒ 3. Raman Effect
 - ☒ 4. Maxwell Effect

Question ID : **81616113645**
Status : **Not Answered**
Chosen Option : **--**

Q.7 Who among the following cricketers is the brand ambassador of Jindal South West (JSW) Steel as of January 2021?

- Ans ☒ 1. Rishabh Pant
☐ 2. MS Dhoni
☐ 3. Rohit Sharma
☐ 4. Virat Kohli

Question ID : 81616112853
Status : Not Answered
Chosen Option : --

Q.8 In how many districts across all the states of India was the third phase of 'Pradhan Mantri Kaushal Vikas Yojana' launched in January 2021?

- Ans ☐ 1. 189
☒ 2. 600
☐ 3. 567
☐ 4. 409

Question ID : 81616112856
Status : Not Answered
Chosen Option : --

Q.9 In which year was 'Target Olympic Podium Scheme' ('TOPS') formulated by the Ministry of Youth Affairs and Sports?

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

Question ID : 81616113662
Status : Not Answered
Chosen Option : --

Q.10 The scientific study of dreams is called ____.

- Ans ☒ 1. oneirology
☐ 2. morphology
☐ 3. entomology
☐ 4. kalology

Question ID : 81616112838
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.11 According to which of the following Articles of the Constitution of India can the Parliament amend the Constitution?

- Ans ☒ 1. Article 368
☒ 2. Article 103
☒ 3. Article 129
☒ 4. Article 234

Question ID : 81616112852
Status : Answered
Chosen Option : 1

Q.12 A channel of canal where water flows under the influence of gravity is called ____.

- Ans ☒ 1. lift channel
☒ 2. warabandi system
☒ 3. command area
☒ 4. flow channel

Question ID : 81616112843
Status : Answered
Chosen Option : 4

Q.13 Which of the following is the only floating national park in India and the world?

- Ans ☒ 1. Balpakram National Park
☒ 2. Keibul Lamjao National Park
☒ 3. Nagarhole National Park
☒ 4. Gugamal National Park

Question ID : 81616113246
Status : Answered
Chosen Option : 2

Q.14 Which of the following Articles of the Constitution of India states that there would be no tax levied or collected EXCEPT by the authority of law?

- Ans ☒ 1. Article 301
☒ 2. Article 123
☒ 3. Article 265
☒ 4. Article 107

Question ID : 81616113255
Status : Not Answered
Chosen Option : --

Q.15 All monetary transfers or kinds sent by migrants to their place of origin are called ____.

- Ans
- ☒ 1. drafts
 - ☒ 2. remittances
 - ☒ 3. bills
 - ☒ 4. payments

Question ID : 81616112835
Status : Answered
Chosen Option : 1

Q.16 Terrace farming is done on which of the following types of land?

- Ans
- ☒ 1. Plains
 - ☒ 2. Deserts
 - ☒ 3. Hills
 - ☒ 4. Forests

Question ID : 81616112844
Status : Answered
Chosen Option : 3

Q.17 On which of the following dates has the Government of India decided to commemorate the birth anniversary of Subash Chandra Bose as 'Parakram Diwas'?

- Ans
- ☒ 1. 7 June
 - ☒ 2. 12 March
 - ☒ 3. 5 May
 - ☒ 4. 23 January

Question ID : 81616112857
Status : Answered
Chosen Option : 4

Q.18 The Periodic Law as we know it today owes its development to:

- Ans
- ☒ 1. JJ Thomson
 - ☒ 2. Niels Bohr
 - ☒ 3. Ernest Rutherford
 - ☒ 4. Dmitri Mendeleev

Question ID : 81616113648
Status : Answered
Chosen Option : 4

Q.19 Who wrote Samudragupta's prashasti (a eulogy written in the form of poetry or prose, usually by court poets) at Allahabad?

- Ans
- ☒ 1. Vagabhatta
 - ☒ 2. Harishena
 - ☒ 3. Amarsimha
 - ☒ 4. Kalidasa

Question ID : 81616113656
Status : Not Answered
Chosen Option : --

Q.20 Which of the following gases is naturally formed via the anaerobic decay of phosphorus containing organic matter?

- Ans
- ☒ 1. Perchloryl fluoride
 - ☒ 2. Phosphorus pentafluoride
 - ☒ 3. Phosphine
 - ☒ 4. Phosgene

Question ID : 81616112841
Status : Answered
Chosen Option : 3

Q.21 Who among the following authored 'Poverty and Un-British Rule in India'?

- Ans
- ☒ 1. Rabindranath Tagore
 - ☒ 2. Dadabhai Naoroji
 - ☒ 3. Mahatma Gandhi
 - ☒ 4. Jawaharlal Nehru

Question ID : 81616112847
Status : Answered
Chosen Option : 4

Q.22 Who among the following was appointed as the first woman Chairperson of BCCC (Broadcasting Content Complaints Council) by IBF (Indian Broadcasting Foundation)?

- Ans
- ☒ 1. Chitra Ramakrishna
 - ☒ 2. Indra Nooyi
 - ☒ 3. Kiran Mazumdar
 - ☒ 4. Gita Mittal

Question ID : 81616112850
Status : Answered
Chosen Option : 4

Q.23 The 'Hemis Festival' is celebrated in Ladakh on the 10th day of the Tibetan Lunar month. To which of the following lords is the festival dedicated?

- Ans**
- ☒ 1. Lord Ganesha
 - ☒ 2. Lord Padmasambhava
 - ☒ 3. Lord Shiva
 - ☒ 4. Lord Vishnu

Question ID : 81616113238

Status : Answered

Chosen Option : 2

Q.24 Who among the following wrote the non-fiction 'The Paradoxical Prime Minister: Narendra Modi and His India'?

- Ans**
- ☒ 1. Arundhati Roy
 - ☒ 2. Salman Rushdie
 - ☒ 3. Chetan Bhagat
 - ☒ 4. Shashi Tharoor

Question ID : 81616112849

Status : Answered

Chosen Option : 4

Q.25 Who authored 'Akbarname'?

- Ans**
- ☒ 1. Abul Fazl
 - ☒ 2. Abdus Samad
 - ☒ 3. Faizi
 - ☒ 4. Abdul Latif

Question ID : 81616113653

Status : Answered

Chosen Option : 1

Section : Quantitative Aptitude

Q.1 Table shows District-wise data of number of primary school teachers posted in schools of a city.

Study the table and answer the question:

District	Male teachers	Female teachers
East	1650	2375
North	1075	2651
West	1280	1520
South	1170	1085
Central	690	859

What is the difference between the total number of male teachers in the districts East, North, West taken together and the total number of female teachers in the districts East and South?

- Ans
- ☒ 1. 735
 - ☒ 2. 771
 - ☒ 3. 110
 - ☒ 4. 545

Question ID : 81616112980
Status : Answered
Chosen Option : 4

Q.2 If $x^4 - 62x^2 + 1 = 0$, where $x > 0$, then the value of $x^3 + x^{-3}$ is:

- Ans
- ☒ 1. 500
 - ☒ 2. 512
 - ☒ 3. 488
 - ☒ 4. 364

Question ID : 81616113678
Status : Answered
Chosen Option : 3

Q.3 Given that $x^8 - 34x^4 + 1 = 0$, $x > 0$. What is the value of $(x^3 - x^{-3})$?

- Ans
- ☒ 1. 14
 - ☒ 2. 12
 - ☒ 3. 18
 - ☒ 4. 16

Question ID : 81616113275
Status : Answered
Chosen Option : 1

Q.4 If $\frac{\sin \theta + \cos \theta}{\sin \theta - \cos \theta} = 5$, then the value of $\frac{4 \sin^2 \theta + 3}{2 \cos^2 \theta + 2}$ is:

- Ans
- ☒ 1. $\frac{75}{17}$
 - ☒ 2. $\frac{75}{34}$
 - ☐ 3. $\frac{1}{2}$
 - ☐ 4. $\frac{3}{2}$

Question ID : 81616113585
Status : Answered
Chosen Option : 2

Q.5 In a circle with centre O, points A, B, C and D in this order are concyclic such that BD is a diameter of the circle. If $\angle BAC = 22^\circ$, then find the measure (in degrees) of $\angle COD$.

- Ans
- ☐ 1. 79
 - ☒ 2. 136
 - ☐ 3. 158
 - ☐ 4. 68

Question ID : 81616112872
Status : Answered
Chosen Option : 2

Q.6 What is the coefficient of x^2 in the expansion of $\left(5 - \frac{x^2}{3}\right)^3$?

- Ans
- ☒ 1. -25
 - ☐ 2. $-\frac{25}{3}$
 - ☐ 3. 25
 - ☐ 4. $-\frac{5}{3}$

Question ID : 81616112869
Status : Answered
Chosen Option : 3

Q.7 A shopkeeper marks an article at a price such that after giving a discount of $x\%$, he gains 20%. If the cost price and the marked price of the article are ₹920 and ₹1472 respectively, then what is the value of x ?

- Ans
- ☐ 1. 18
 - ☐ 2. 30
 - ☐ 3. 20
 - ☒ 4. 25

Question ID : 81616113669
Status : Answered
Chosen Option : 4

Q.8 In the table, the production and the sale (in 1000 tonnes) of a certain product of a company over 5 years is given.

years	Production (in 1000 tonnes)	Sale (in 1000 tonnes)
2015	1250	1000
2016	1400	1290
2017	1450	1100
2018	1500	1450
2019	1600	1390

In which year(s) the production increases by more than 10% of that in the previous year?

- Ans
- ☐ 1. 2018, 2019
 - ☐ 2. 2017, 2018
 - ☐ 3. 2019
 - ☒ 4. 2016

Question ID : 81616112982

Status : Answered

Chosen Option : 4

Q.9

Simplify: $\frac{(\sin \theta + \sec \theta)^2 + (\cos \theta + \operatorname{cosec} \theta)^2}{(1 + \sec \theta \operatorname{cosec} \theta)^2}$, $0^\circ < \theta < 90^\circ$

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

Question ID : 81616112574

Status : Answered

Chosen Option : 2

Q.10 Triangle ABC is right angled at B and D is a point of BC such that BD = 5 cm, AD = 13 cm and AC = 37 cm, then find the length of DC in cm.

- Ans
- ☐ 1. 25
 - ☒ 2. 30
 - ☐ 3. 5
 - ☐ 4. 35

Question ID : 81616112874

Status : Answered

Chosen Option : 2

Q.11 Study the following table and answer the question:

Percentage of marks obtained by six students A, B, C, D, E and F in five subjects.

Subjects Students	English (Out of 50)	Math (Out of 150)	Science (Out of 80)	Hindi (Out of 75)	Social Studies (Out of 100)
A	70	90	65	64	88
B	84	92	75	68	49
C	66	80	85	80	84
D	62	74	75	88	60
E	54	64	55	72	85
F	72	84	65	60	65

Total marks obtained by student E in all the five subjects are ?

- Ans
- ✓ 1. 306
 - ✗ 2. 330
 - ✗ 3. 316
 - ✗ 4. 340

Question ID : 81616113789

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.12 If $\sec 31^\circ = x$, then $\sin^2 59^\circ + \frac{1}{\sec^2 31^\circ} - \frac{1}{\sin^2 59^\circ \operatorname{cosec}^2 59^\circ}$ is equal to:

- Ans
- ✗ 1. $\frac{x^2-2}{x^2}$
 - ✗ 2. $\frac{2-x^2}{x}$
 - ✓ 3. $\frac{2-x^2}{x^2}$
 - ✗ 4. $\frac{x^2-2}{x}$

Question ID : 81616113280

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.13 A certain sum is divided among A, B, C and D such that the ratio of the shares is $A : B : C : D = 4 : 12 : 30 : 45$. If the difference between the shares of A and D is ₹5,535, then the total sum (in ₹) is:

- Ans
- ☒ 1. 12785
 - ☒ 2. 13550
 - ☒ 3. 12285
 - ☒ 4. 11000

Question ID : 81616113672

Status : Answered

Chosen Option : 1

Q.14 The speed of a motorboat in still water is 20 km/h. It travels 150 km downstream and then returns to the starting point. If the round trip takes a total of 16 hours, what is the speed (in km/h) of the flow of river?

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

Question ID : 81616113675

Status : Answered

Chosen Option : 3

Q.15 If a nine-digit number $7698x138y$ is divisible by 72, then the value of $\sqrt{4x + y}$ is:

- Ans
- ☒ 1. 8
 - ☒ 2. 6
 - ☒ 3. 9
 - ☒ 4. 5

Question ID : 81616113262

Status : Answered

Chosen Option : 2

Q.16 A tank is filled in 4 hours by three pipes A, B and C. The pipe C is $1\frac{1}{2}$ times as fast as B and B is 3 times as fast as A. How many hours will pipe A alone take to fill the tank?

- Ans
- ☒ 1. 17
 - ☒ 2. 30
 - ☒ 3. 34
 - ☒ 4. 15

Question ID : 81616113270

Status : Answered

Chosen Option : 3

Q.17 Triangle ABC is right angled at B. BD is an altitude intersecting AC at D. If AC = 9 cm and CD = 3 cm, then find the measure of AB (in cm).

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

Question ID : 81616112875
Status : Answered
Chosen Option : 1

Q.18 A shopkeeper sold an article for ₹455 at a loss (in ₹). If he sells it for ₹490, then he would gain an amount four times the loss. At what price (in ₹) should he sell the article to gain 25%?

- Ans
- ✗ 1. 575
 - ✓ 2. 577.50
 - ✗ 3. 570.50
 - ✗ 4. 115.50

Question ID : 81616112863
Status : Answered
Chosen Option : 2

Q.19 What is the average of numbers from 1 to 50 which are multiples of 2 or 5? (correct to one decimal place)

- Ans
- ✗ 1. 25.9
 - ✓ 2. 25.8
 - ✗ 3. 25.4
 - ✗ 4. 26.4

Question ID : 81616112860
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.20 Simplify the following expression:

$$\left(\frac{3}{4} - \frac{1}{4} \div \frac{1}{4} \text{ of } \frac{2}{5}\right) \div \left(\frac{3}{4} \div \frac{2}{3} \text{ of } \frac{3}{5}\right)$$

- Ans
- ✗ 1. $\frac{14}{75}$
 - ✗ 2. $\frac{32}{75}$
 - ✗ 3. $-\frac{70}{27}$
 - ✓ 4. $-\frac{14}{15}$

Question ID : 81616112859
Status : Answered
Chosen Option : 4

Q.21 The surface area of a cube is 13.5 m^2 . What is the length (in m) of its diagonal?

- Ans
- ☒ 1. $2\sqrt{3}$
 - ☒ 2. $1.5\sqrt{3}$
 - ☒ 3. 1.5
 - ☒ 4. 2

Question ID : 81616112868

Status : Answered

Chosen Option : 2

Q.22 By mistake, the reciprocal of a positive fraction got typed in place of itself, and thereby its value got reduced by $\frac{175}{4}\%$. What was the value of the fraction?

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

Question ID : 81616113266

Status : Not Answered

Chosen Option : --

Q.23 In a circle with centre O, a diameter AB is produced to a point P lying outside the circle and PT is a tangent to the circle at a point C on it. If $\angle BPT = 28^\circ$, then what is the measure of $\angle BCP$?

- Ans
- ☒ 1. 62°
 - ☒ 2. 45°
 - ☒ 3. 28°
 - ☒ 4. 31°

Question ID : 81616113277

Status : Not Answered

Chosen Option : --

Q.24 Study the following table and answer the question:

Percentage of marks obtained by six students A, B, C, D, E and F in five subjects.

Subjects Students	English (Out of 50)	Math (Out of 150)	Science (Out of 80)	Hindi (Out of 75)	Social Studies (Out of 100)
A	70	90	65	64	88
B	84	92	75	68	49
C	66	80	85	80	84
D	62	74	75	88	60
E	54	64	55	72	85
F	72	84	65	60	65

The total marks obtained by students C, D and F in Science is what percent more than the total marks obtained by B in Science, Hindi and Social Studies?

- Ans
- ☒ 1. 12.2
 - ☒ 2. 10.5
 - ☒ 3. 12.5
 - ☒ 4. 11.1

Question ID : 81616113791

Status : Not Answered

Chosen Option : --

Q.25 What is the difference between the compound interest (in ₹) compounded yearly and compounded half yearly for 18 months at 20% per annum on a sum of ₹12,000?

- Ans
- ☒ 1. 121
 - ☒ 2. 132
 - ☒ 3. 145
 - ☒ 4. 165

Question ID : 81616113269

Status : Not Answered

Chosen Option : --

Section : English Comprehension

Q.1 The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options.

Mithila art tradition is passed on / from one generation through a next / by children watching and helping / their mothers and grandmothers.

- Ans
- ☒ 1. their mothers and grandmothers
 - ☒ 2. Mithila art tradition is passed on
 - ☒ 3. from one generation through a next
 - ☒ 4. by children watching and helping

Question ID : 81616113288

Status : Answered

Chosen Option : 3

Q.2 Select the option that can be used as a one-word substitute for the given group of words.

The art of effective or persuasive speaking or writing

- Ans
- ☒ 1. Bombastic
 - ☒ 2. Poetry
 - ☒ 3. Archaic
 - ☒ 4. Rhetoric

Question ID : 81616113308

Status : Answered

Chosen Option : 4

Q.3 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

- A. At its height, around 1,200 years ago, the city of Calakmul had a population of about 50,000 people, but the kingdom as a whole numbered more than 1.5 million.
- B. Deep in the jungle of southern Mexico lie the ruins of a city that thrived for centuries before it was abandoned more than 1,000 years ago.
- C. Archaeologists have uncovered 6,750 structures here—the largest is this pyramid temple, called, simply, 'Structure 2.'
- D. Calakmul was once one of the two duelling superpowers—along with Tikal—of the Classical Mayan civilisation.

- Ans
- ☒ 1. BDAC
 - ☒ 2. BCDA
 - ☒ 3. ACDB
 - ☒ 4. DBCA

Question ID : 81616113704

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.4 Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement'.

The prisoners are kept at constant surveillance.

- Ans
- ☒ 1. kept with
 - ☒ 2. No improvement
 - ☒ 3. kept under
 - ☒ 4. kept by

Question ID : 81616113291

Status : Answered

Chosen Option : 3

Q.5 The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options.

Raman went / with his wife / to the village / to sold their land.

Ans ✓ 1. to sold their land

✗ 2. to the village

✗ 3. with his wife

✗ 4. Raman went

Question ID : 81616113691

Status : Answered

Chosen Option : 1

Q.6 Select the most appropriate ANTONYM of the given word.

Lessen

Ans ✗ 1. Decrease

✓ 2. Increase

✗ 3. Minimise

✗ 4. Reduce

Question ID : 81616113708

Status : Answered

Chosen Option : 2

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

Controlled

Ans ✗ 1. Restrained

✓ 2. Excited

✗ 3. Guarded

✗ 4. Calm

Question ID : 81616112899

Status : Answered

Chosen Option : 2

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

Drag

Ans ✗ 1. Push

✓ 2. Pull

✗ 3. Tell

✗ 4. Call

Question ID : 81616112897

Status : Answered

Chosen Option : 2

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

To fight tooth and nail

- Ans ☒ 1. To silently leave the scene of battle
☒ 2. To fight or compete with great ferocity and intensity
☒ 3. To use unusual weapons to fight
☒ 4. To keep the enemy guessing about the weapons used

Question ID : 81616113710

Status : Answered

Chosen Option : 2

Q.10 Select the most appropriate meaning of the given idiom.

To fan the flames

- Ans ☒ 1. To call for help to solve an issue
☒ 2. To resolve the issue amicably
☒ 3. To make a bad situation worse
☒ 4. To cool the situation

Question ID : 81616113709

Status : Answered

Chosen Option : 3

Q.11 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution required'.

The crowd have gathered around the area to watch the actors.

- Ans ☒ 1. has gathered around the area
☒ 2. have gathered in the area
☒ 3. No substitution required
☒ 4. have gather around the area

Question ID : 81616112888

Status : Answered

Chosen Option : 1

Q.12 Select the option that expresses the given sentence in passive voice.

The fielder at the slip position took a brilliant catch.

- Ans ☒ 1. A brilliant catch was taken by the fielder at the slip position.
☒ 2. A brilliant catch has been taken by the fielder at the slip position.
☒ 3. A brilliant catch was being taken by the fielder at the slip position.
☒ 4. A brilliant catch had been taken by the fielder at the slip position.

Question ID : 81616113289

Status : Answered

Chosen Option : 1

Q.13 Select the most appropriate synonym of the given word.

Humdrum

- Ans ☒ 1. Boring
☐ 2. Noisy
☐ 3. Exciting
☐ 4. Lively

Question ID : 81616112898
Status : Answered
Chosen Option : 1

Q.14 Select the INCORRECTLY spelt word.

- Ans ☐ 1. Anarchy
☐ 2. Monarchy
☒ 3. Tyrany
☐ 4. Aristocracy

Question ID : 81616112906
Status : Answered
Chosen Option : 3

Q.15 Select the option that expresses the given sentence in indirect speech.

Nelson said, "I was playing cricket."

- Ans ☐ 1. Nelson said that he was playing cricket.
☐ 2. Nelson said I was playing cricket.
☒ 3. Nelson said that he had been playing cricket.
☐ 4. Nelson said that I was playing cricket.

Question ID : 81616112886
Status : Answered
Chosen Option : 3

Q.16 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

- A. "I have already spent it," the thief replied.
B. "What! I will take you to the police right now," Arun thundered.
C. "Give me back my money," Arun said to the thief.
D. "Sir, please have some mercy on me," the thief pleaded.

- Ans ☐ 1. CBAD
☐ 2. BCAD
☐ 3. ADBC
☒ 4. CABD

Question ID : 81616112895
Status : Answered
Chosen Option : 4

Q.17 Select the option that can be used as a one-word substitute for the given group of words.

A person employed to drive a private or hired car

- Ans
- ☒ 1. Escort
 - ☒ 2. Chauffeur
 - ☒ 3. Captain
 - ☒ 4. Pilot

Question ID : 81616113307

Status : Answered

Chosen Option : 2

Q.18 Select the most appropriate option to fill in the blank.

The people of Rajasthan strictly _____ to the traditional customs.

- Ans
- ☒ 1. appeal
 - ☒ 2. adhere
 - ☒ 3. apply
 - ☒ 4. abide

Question ID : 81616113311

Status : Answered

Chosen Option : 2

Q.19 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Verbal
 - ☒ 2. Melody
 - ☒ 3. Written
 - ☒ 4. Speech

Question ID : 81616112905

Status : Answered

Chosen Option : 4

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

The worst possible _____ for human society is that we will destroy ourselves with nuclear weapons.

- Ans
- ☒ 1. privilege
 - ☒ 2. prediction
 - ☒ 3. presentation
 - ☒ 4. preceptive

Question ID : 81616112908

Status : Answered

Chosen Option : 2

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Moore worked without stopping until eleven o'clock. Then he made (1)_____ a cup of tea. He was enjoying himself sitting alone (2)_____ the fireside. The firelight danced on the walls and (3)_____ strange shadows around the room. His tea tasted (4)_____ and there was nobody to disturb him. Then, for (5)_____ first time he noticed how much noise the rats were making.

SubQuestion No : 21

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

- Ans ☒ 1. itself
☒ 2. himself
☒ 3. ourself
☒ 4. herself

Question ID : 81616112890

Status : Answered

Chosen Option : 2

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Moore worked without stopping until eleven o'clock. Then he made (1)_____ a cup of tea. He was enjoying himself sitting alone (2)_____ the fireside. The firelight danced on the walls and (3)_____ strange shadows around the room. His tea tasted (4)_____ and there was nobody to disturb him. Then, for (5)_____ first time he noticed how much noise the rats were making.

SubQuestion No : 22

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

- Ans ☒ 1. by
☒ 2. for
☒ 3. in
☒ 4. over

Question ID : 81616112891

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Moore worked without stopping until eleven o'clock. Then he made (1)_____ a cup of tea. He was enjoying himself sitting alone (2)_____ the fireside. The firelight danced on the walls and (3)_____ strange shadows around the room. His tea tasted (4)_____ and there was nobody to disturb him. Then, for (5)_____ first time he noticed how much noise the rats were making.

SubQuestion No : 23

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

- Ans ☒ 1. stuck
☒ 2. poked
☒ 3. cast
☒ 4. picked

Question ID : 81616112892

Status : Answered

Chosen Option : 3

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Moore worked without stopping until eleven o'clock. Then he made (1)_____ a cup of tea. He was enjoying himself sitting alone (2)_____ the fireside. The firelight danced on the walls and (3)_____ strange shadows around the room. His tea tasted (4)_____ and there was nobody to disturb him. Then, for (5)_____ first time he noticed how much noise the rats were making.

SubQuestion No : 24

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

- Ans ☒ 1. desirable
☒ 2. attractive
☒ 3. excellent
☒ 4. skillful

Question ID : 81616112893

Status : Answered

Chosen Option : 3

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Moore worked without stopping until eleven o'clock. Then he made (1)_____ a cup of tea. He was enjoying himself sitting alone (2)_____ the fireside. The firelight danced on the walls and (3)_____ strange shadows around the room. His tea tasted (4)_____ and there was nobody to disturb him. Then, for (5)_____ first time he noticed how much noise the rats were making.

SubQuestion No : 25

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

- Ans ☒ 1. a
☒ 2. the
☒ 3. one
☒ 4. only

Question ID : **81616112894**

Status : **Answered**

Chosen Option : **2**