Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	18/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 In a certain code language, 'SURROUND' is written as 'RRUSDNUO'. How will 'MITIGATE' be written in that language?

Ans ✖ 1. ITIMETGA

✖ 2. TIIMTEAG

✖ 3. ITIEMTAG

✔ 4. ITIMETAG

Question ID : **81616114127**
Status : **Answered**
Chosen Option : **4**

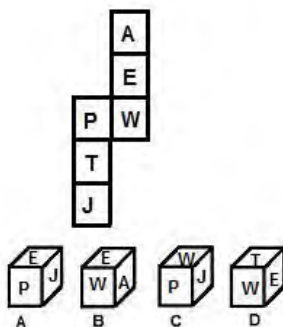**Q.2** In a certain code language, 'NOSTALGIA' is coded as '81'. How will 'FRICTION' be coded in that language?

Ans ✖ 1. 105

✖ 2. 85

✖ 3. 36

✔ 4. 64

Question ID : **81616114027**
Status : **Not Answered**
Chosen Option : **--**

Q.3 Select the cube(s) that can be formed by folding the given sheet along the lines.

Ans ✖ 1. Only A and C

✖ 2. Only C and D

✖ 3. Only A and D

✔ 4. No figure can be formed

Question ID : **81616114040**
Status : **Answered**
Chosen Option : **4**

Q.4 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:
All dustbins are plastic items.
No plastic item is stone.
All woods are stones.

Conclusions:
I. No dustbin is wood.
II. No plastic item is wood.
III. Some woods may be dustbins.

Ans ✗ 1. All the conclusions follow

✗ 2. Only conclusion II follows

✓ 3. Only conclusions I and II follow

✗ 4. Only conclusion I follows

Q.5 In the following Venn diagram, the square stands for 'Doctors', the circle stands for 'Blood donators', and the pentagon stands for 'Women'. The given numbers represent the number of persons in that particular category.
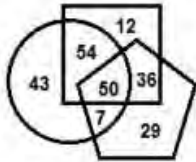
How many women doctors are blood donators?

Ans ✗ 1. 57

✗ 2. 54

✓ 3. 50

✗ 4. 36

Q.6 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

NZK, MBH, LDE, KFB, ?

Ans ✗ 1. HIY

✗ 2. JHZ

✓ 3. JHY

✗ 4. JHX

Q.7 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(18, 24, 144)

Ans ✗ 1. (22, 18, 246)

✓ 2. (26, 15, 130)

✗ 3. (16, 12, 109)

✗ 4. (18, 20, 137)

Question ID : **81616114035**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Which two numbers should be interchanged to make the given equation correct?

78 ÷ 48 × 8 + (26 × 7) − 39 + (45 + 15) = 210

Ans ✗ 1. 78 and 45

✗ 2. 45 and 48

✓ 3. 48 and 39

✗ 4. 26 and 15

Question ID : **81616114036**
Status : **Answered**
Chosen Option : **3**

Q.9 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

83 : 3 :: ? : 5 :: 258 : 4

Ans ✗ 1. 527

✓ 2. 627

✗ 3. 123

✗ 4. 222

Question ID : **81616114133**
Status : **Answered**
Chosen Option : **1**

Q.10 If 'A # B' means 'A is the sister of B' and 'A @ B' means 'A is the mother of B', then which of the following expressions means 'C is the mother of F'?

Ans ✗ 1. H @ C # M # F

✗ 2. C @ H # M @ F

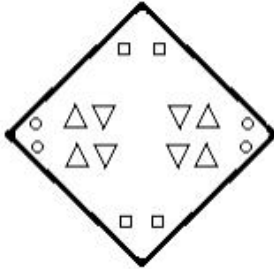✗ 3. F @ H # M # C

✓ 4. C @ H # M # F

Question ID : **81616114029**
Status : **Not Answered**
Chosen Option : **--**

Q.11 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?
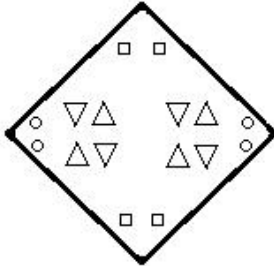

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.
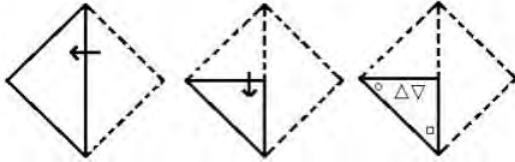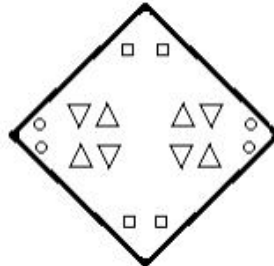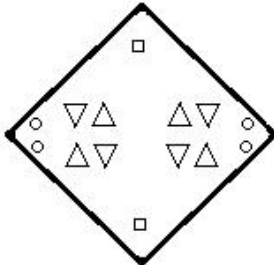
Q.12 Select the option that is embedded in the given figure (rotation is NOT allowed).

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Q.13 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. TXCZ

✘ 2. DHSP

✘ 3. FJQN

✔ 4. NRJG

Q.14 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(5, 11, 275)

Ans ✘ 1. (6, 18, 180)

✘ 2. (9, 15, 270)

✘ 3. (8, 14, 490)

✔ 4. (4, 16, 256)

Q.15 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.
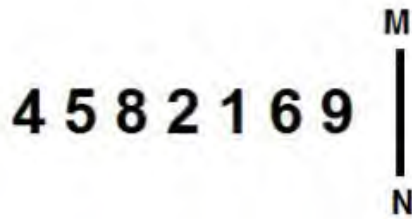
Ans
- ✗ 1. ୨ଠ୮ଽଃ୨ମ
- ✓ 2. ୨ଠ୮ଽ୨ଃମ
- ✗ 3. ୨ଠ୨ଽ୮ଃମ
- ✗ 4. ୨ଠ୮ଽ୨ଃମ

Q.16 Select the option in which the words share the same relationship as that shared by the given pair of words.

Mauritius : Port Louis

Ans
- ✗ 1. Zambia : Harare
- ✗ 2. Sudan : Tanzania
- ✗ 3. Nigeria : Senegal
- ✓ 4. Kenya : Nairobi

Q.17 Select the option that is related to the third word in the same way as the second word is related to the first word.

Conceit : Modesty : : Despair : ?

Ans
- ✓ 1. Hope
- ✗ 2. Gloom
- ✗ 3. Anguish
- ✗ 4. Pain

Q.18 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. Cardiologists
- ✗ 2. Nephrologists
- ✗ 3. Pulmonologists
- ✓ 4. Psychiatrists

Q.19 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

K _ C T Q _ O C _ _ K O _ T _ K O _ T T

Ans ✗ 1. O, K, T, R, C, T, C

✗ 2. P, K, T, R, C, S, C

✗ 3. O, K, U, R, C, S, C

✓ 4. O, K, T, R, C, S, C

Question ID : **81616114028**

Status : **Answered**

Chosen Option : **1**

Q.20 What was the day of the week on 10 June 2011?

Ans ✗ 1. Saturday

✓ 2. Friday

✗ 3. Sunday

✗ 4. Monday

Question ID : **81616114037**

Status : **Answered**

Chosen Option : **1**

Q.21 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Turban
2. Terminator
3. Twister
4. Temptation
5. Terrorism

Ans ✓ 1. 4, 2, 5, 1, 3

✗ 2. 4, 1, 3, 2, 5

✗ 3. 4, 5, 2, 1, 3

✗ 4. 4, 2, 1, 3, 5

Question ID : **81616112708**

Status : **Answered**

Chosen Option : **1**

Q.22 Select the number from among the given options that can replace the question mark (?) in the following series.

6, 7, 23, 41, 125, ?

Ans ✗ 1. 345

✓ 2. 245

✗ 3. 254

✗ 4. 354

Question ID : **81616112718**

Status : **Not Answered**

Chosen Option : **--**

Q.23 How many triangles are there in the given figure?

Ans   ✔ 1. 13

     ✘ 2. 12

     ✘ 3. 14

     ✘ 4. 15

Question ID : **81616114039**

Status : **Answered**

Chosen Option : **1**

Q.24 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. 22 : 490

     ✘ 2. 25 : 631

     ✘ 3. 21 : 447

     ✔ 4. 30 : 908

Question ID : **81616114033**

Status : **Answered**

Chosen Option : **4**

Q.25 Select the figure from among the given options that can replace the question mark (?) in the following series.
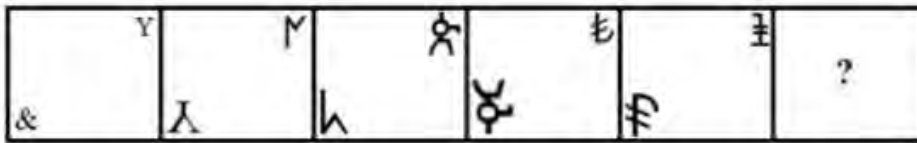
Ans

✕ 1.
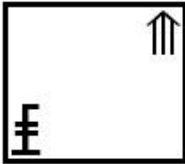
✕ 2.
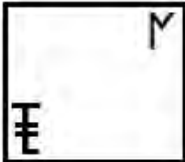
✕ 3.

✔ 4.
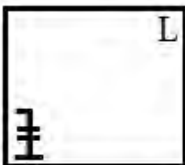
Question ID : **81616112725**

Status : **Not Answered**

Chosen Option : **--**

Section : **General Awareness**

Q.1 Which of the following is an award for contribution in the field of science and technology?

Ans ✔ 1. Shanti Swarup Bhatnagar (SSB) Award

✕ 2. Dronacharya Award

✕ 3. Jnanpith Award

✕ 4. Deenanath Mangeshkar Award

Question ID : **81616112748**

Status : **Answered**

Chosen Option : **1**

Q.2 Which of the following diseases is caused by bacteria?

Ans ✕ 1. Rubella

✕ 2. Zika fever

✕ 3. Polio

✔ 4. Diphtheria

Question ID : **81616114051**

Status : **Answered**

Chosen Option : **4**

Q.3 Alamgir was the title of which Mughal emperor?

Ans ✗ 1. Akbar

✗ 2. Shah Jahan

✗ 3. Babur

✓ 4. Aurangzeb

Question ID : **81616114058**
Status : **Answered**
Chosen Option : **4**

Q.4 _____ is the largest union territory in India in terms of area.

Ans ✗ 1. Ladakh

✗ 2. Chandigarh

✓ 3. Jammu and Kashmir

✗ 4. Puducherry

Question ID : **81616112743**
Status : **Answered**
Chosen Option : **1**

Q.5 IPR 1956 formed the basis of the _____ Five Year Plan of India.

Ans ✗ 1. Third

✗ 2. Fourth

✗ 3. First

✓ 4. Second

Question ID : **81616114047**
Status : **Answered**
Chosen Option : **4**

Q.6 The _____ sultanate was ruled by the Sharqi dynasty.

Ans ✗ 1. Bharatpur

✗ 2. Agra

✓ 3. Jaunpur

✗ 4. Delhi

Question ID : **81616114158**
Status : **Not Answered**
Chosen Option : **--**

Q.7 World Leprosy Day 2021 was celebrated in India on _____ January 2021.

Ans ✗ 1. 22

✗ 2. 25

✗ 3. 31

✓ 4. 30

Question ID : **81616114068**
Status : **Answered**
Chosen Option : **3**

Q.8 Parsec is a unit of _____.

Ans ✗ 1. acceleration

✗ 2. speed

✗ 3. time

✓ 4. length

Question ID : **81616114153**

Status : **Answered**

Chosen Option : **2**

Q.9 Which of the following is the SI unit for measuring the amount of a substance?

Ans ✗ 1. metre (m)

✗ 2. kelvin (K)

✓ 3. mole (mol)

✗ 4. candela (cd)

Question ID : **81616112737**

Status : **Answered**

Chosen Option : **3**

Q.10 The Kamaicha is a bowed lute played by the Manganiars of:

Ans ✓ 1. west Rajasthan

✗ 2. west Goa

✗ 3. west Bihar

✗ 4. west Kerala

Question ID : **81616114046**

Status : **Not Answered**

Chosen Option : **--**

Q.11 The archaeological site of Atranjikhera is located in _____.

Ans ✗ 1. Uttarakhand

✓ 2. Uttar Pradesh

✗ 3. Maharashtra

✗ 4. Himachal Pradesh

Question ID : **81616114059**

Status : **Not Answered**

Chosen Option : **--**

Q.12 In 1977, who became the President of the Janata Party, which formed a coalition government at the centre with Morarji Desai as the Prime Minister?

Ans ✗ 1. Charan Singh

✗ 2. Madhu Dandavate

✗ 3. George Fernandes

✓ 4. Chandra Shekhar

Question ID : **81616114064**

Status : **Answered**

Chosen Option : **1**

Q.13 Who is the General Secretary of Communist Party of India as of January 2021?

Ans   ✗ 1. Brinda Karat

     ✗ 2. Sujan Chakrabarti

     ✗ 3. S Sudhakar Reddy

     ✓ 4. D Raja

> Question ID : **81616114063**
> Status : **Answered**
> Chosen Option : **2**

Q.14 With which of the following sports do you associate the term '16-yard hit'?

Ans   ✓ 1. Field hockey

     ✗ 2. Cricket

     ✗ 3. Lawn tennis

     ✗ 4. Golf

> Question ID : **81616114167**
> Status : **Answered**
> Chosen Option : **4**

Q.15 Atoms of which element combines with hydrogen to give water?

Ans   ✗ 1. Carbon

     ✓ 2. Oxygen

     ✗ 3. Iodine

     ✗ 4. Nitrogen

> Question ID : **81616114150**
> Status : **Answered**
> Chosen Option : **2**

Q.16 The Arjuna Awards are given by the Ministry of Youth Affairs and Sports to recognise outstanding achievement in sports and games. It was instituted in _____.

Ans   ✗ 1. 1947

     ✓ 2. 1961

     ✗ 3. 1969

     ✗ 4. 1956

> Question ID : **81616112752**
> Status : **Answered**
> Chosen Option : **3**

Q.17 In 2020, Kolkata Port Trust was renamed as _____.

Ans   ✓ 1. Syama Prasad Mookerjee Trust

     ✗ 2. Ramakrishna Trust

     ✗ 3. Subhash Chandra Bose Trust

     ✗ 4. Sri Aurobindo Trust

> Question ID : **81616112756**
> Status : **Answered**
> Chosen Option : **1**

Q.18 With which of the following states does Bangladesh NOT share its border?

Ans ❌ 1. Meghalaya

❌ 2. Assam

✅ 3. Nagaland

❌ 4. Tripura

Question ID : **81616114054**
Status : **Answered**
Chosen Option : **3**

Q.19 Who is the author of the book, 'Men in White - A Book of Cricket'?

Ans ❌ 1. Sanjay Manjrekar

✅ 2. Mukul Kesavan

❌ 3. Harsha Bhogle

❌ 4. Boria Mazumdar

Question ID : **81616114062**
Status : **Answered**
Chosen Option : **1**

Q.20 The rules made for the _____ were written down in a book called 'Vinaya Pitaka'.

Ans ❌ 1. Vaishnavites

✅ 2. Buddhist sangha

❌ 3. Lingayats

❌ 4. Shakta cult

Question ID : **81616114161**
Status : **Answered**
Chosen Option : **2**

Q.21 Which of the following is a district-cum-tourism hotspot of Arunachal Pradesh?

Ans ❌ 1. Alipurduar

❌ 2. Jalpaiguri

❌ 3. Kalimpong

✅ 4. Tawang

Question ID : **81616114055**
Status : **Answered**
Chosen Option : **4**

Q.22 In connection with the issue of adoption of villages by parliamentarians, a scheme named 'SAGY' was launched. What does the 'A' in SAGY stand for?

Ans ❌ 1. Anubhav

❌ 2. Atmanirbhar

❌ 3. Apna

✅ 4. Adarsh

Question ID : **81616114048**
Status : **Not Answered**
Chosen Option : **--**

Q.23 **Weber per second is equivalent to _____.**

Ans
- ✗ 1. ampere
- ✓ 2. volt
- ✗ 3. coulomb
- ✗ 4. ohm

Q.24 **_____ festival in the Bastar region is celebrated along with the worship of the local goddess, Kesharpal Kesharpalin Devi.**

Ans
- ✗ 1. Phool Dei
- ✗ 2. Harela
- ✓ 3. Madai
- ✗ 4. Khatarua

Q.25 **Which of the following is the nodal ministry for implementation of the 'SVAMITVA' scheme launched in 2020?**

Ans
- ✗ 1. Ministry of Education
- ✗ 2. Ministry of Agriculture and Farmers' Welfare
- ✗ 3. Ministry of Urban and Rural Development
- ✓ 4. Ministry of Panchayati Raj

Section : **Quantitative Aptitude**

Q.1 If $x + y + z = 1$, $xy + yz + zx = xyz = -4$, then what is the value of $(x^3 + y^3 + z^3)$?

Ans
- ✗ 1. 8
- ✗ 2. -8
- ✓ 3. 1
- ✗ 4. -1

Q.2 What is the constant term in the expansion of $\left(5x^2 - \frac{1}{x}\right)^3$?

Ans
- ✓ 1. 15
- ✗ 2. 5
- ✗ 3. 75
- ✗ 4. -15

Q.3 In a trapezium PQRS, PQ is parallel to RS and diagonals PR and QS intersect at O. If PQ = 4 cm, SR = 10 cm, then what is area(ΔPOQ) : area(ΔSOR)?

Ans
- ✘ 1. 2 : 3
- ✘ 2. 2 : 5
- ✔ 3. 4 : 25
- ✘ 4. 4 : 9

Question ID : 81616112773
Status : **Answered**
Chosen Option : **3**

Q.4 A shopkeeper buys an article at 30% discount on its marked price and sells it at 5% discount on its marked price. If he earns a profit of ₹65, then what is the marked price (in ₹) of the article?

Ans
- ✘ 1. 227.50
- ✘ 2. 325
- ✔ 3. 260
- ✘ 4. 292.50

Question ID : 81616114174
Status : **Not Answered**
Chosen Option : **--**

Q.5 If $tan\theta = \sqrt{5}$, then the value of $\frac{cosec^2\theta + sec^2\theta}{cosec^2\theta - sec^2\theta}$ is:

Ans
- ✘ 1. $-\frac{7}{5}$
- ✘ 2. $\frac{7}{5}$
- ✔ 3. $-\frac{3}{2}$
- ✘ 4. $\frac{3}{2}$

Question ID : 81616113180
Status : **Answered**
Chosen Option : **3**

Q.6 A sum of ₹6342 is divided amongst A, B, C and D in the ratio 3 : 4 : 8 : 6. What is the difference between the shares of B and D?

Ans
- ✘ 1. ₹906
- ✘ 2. ₹1510
- ✘ 3. ₹302
- ✔ 4. ₹604

Question ID : 81616114177
Status : **Answered**
Chosen Option : **4**

Q.7

If $x^2 - 5\sqrt{2}\,x + 1 = 0$, then what is the value of $\dfrac{\left(x^3 + \frac{1}{x}\right)}{x^2 + 1}$?

Ans

✓ 1. $\dfrac{24\sqrt{2}}{5}$

✗ 2. $\dfrac{12\sqrt{2}}{5}$

✗ 3. $\dfrac{18\sqrt{2}}{5}$

✗ 4. $\dfrac{26\sqrt{2}}{5}$

Question ID : **81616114183**
Status : **Answered**
Chosen Option : **1**

Q.8

Simplify the following expression:

$6 \div 4 \text{ of } 3 - 4 \div 6 \times (13 - 10) - 2 \times 15 \div 6 \times 6$

Ans

✗ 1. $-27\frac{1}{2}$

✗ 2. $-19\frac{1}{2}$

✗ 3. $-29\frac{14}{17}$

✓ 4. $-31\frac{1}{2}$

Question ID : **81616112758**
Status : **Answered**
Chosen Option : **4**

Q.9

A sum of ₹3125 amounts to ₹3515.20 in 3 years at x % p.a., interest being compounded yearly. What will be the simple interest (in ₹) on the same sum and for the same time at $(x + 2)$ % p.a.?

Ans

✓ 1. 562.50

✗ 2. 554

✗ 3. 550

✗ 4. 565.50

Question ID : **81616114077**
Status : **Not Answered**
Chosen Option : **--**

Q.10

A can complete a work in 60 days. B is 25% more efficient than A. They work together for 15 days. C alone completes the remaining work in 14 days. B and C together will complete $\frac{5}{8}$th part of the original work in:

Ans

✗ 1. 18 days

✗ 2. 15 days

✗ 3. 16 days

✓ 4. 12 days

Question ID : **81616114078**
Status : **Answered**
Chosen Option : **4**

Q.11 By selling an article for ₹131.25, a trader gains as much percent as the number representing the cost price of the article. In order to earn 40% profit, at what price (in ₹) should he sell the article?

Ans ✗ 1. 140

✓ 2. 105

✗ 3. 75

✗ 4. 100

Question ID : 81616112762

Status : **Answered**

Chosen Option : **1**

Q.12 The cost of tiling the floor of a rectangular room is ₹9100 at ₹65 per m^2. The ratio of the length and breadth of the floor is 7 : 5. The perimeter (in m) of the floor of the room is:

Ans ✗ 1. 36

✗ 2. 24

✓ 3. 48

✗ 4. 28.8

Question ID : 81616114080

Status : **Not Answered**

Chosen Option : **--**

Q.13 The average of ten numbers is 32.5. The average of first four numbers is 25.6 and that of the last three numbers is 38.2. The 5th number is 50% more than the 6th number and 8 less than the 7th number. What is the average of 5th and 7th numbers?

Ans ✗ 1. 42

✗ 2. 41

✗ 3. 42.4

✓ 4. 41.5

Question ID : 81616114072

Status : **Not Answered**

Chosen Option : **--**

Q.14 ABCD is a cyclic quadrilateral. AB and DC meet at F, when produced. AD and BC meet at E, when produced. If ∠BAD = 68° and ∠AEB = 27°, then what is the measure of ∠BFC?

Ans ✗ 1. 27°

✗ 2. 22°

✓ 3. 17°

✗ 4. 15°

Question ID : 81616114085

Status : **Answered**

Chosen Option : **4**

Q.15 Medicines of three different flavors - A, B and C (in lakh bottles) manufactured by a pharmaceutical company over a period of five years from 2010 to 2014 is given in the bar graph.

Production of flavor A in 2012 is what percent less than the average production of flavor B in all the years (correct to 2 decimal places)?

Ans
   ✗ 1. 3.87
   ✗ 2. 4.66
   ✗ 3. 6.98
   ✔ 4. 5.66

Q.16 If the 5-digit number $688xy$ is divisible by 3, 7 and 11, then what is the value of $(5x + 3y)$?

Ans
   ✗ 1. 36
   ✗ 2. 23
   ✗ 3. 43
   ✔ 4. 39

Q.17 If $5\sin^2\theta - 4\cos\theta - 4 = 0$, $0° < \theta < 90°$, then the value of $(\cot\theta + \operatorname{cosec}\theta)$ is:

Ans
   ✔ 1. $\dfrac{\sqrt{6}}{2}$

   ✗ 2. $\dfrac{\sqrt{6}}{3}$

   ✗ 3. $\dfrac{3}{2}$

   ✗ 4. $\dfrac{2}{3}$

Q.18 Suman travels from place X to Y and Rekha travels from Y to X, simultaneously. After meeting on the way, Suman and Rekha reach Y and X, in 3 hours 12 minutes and one hour 48 minutes, respectively. If the speed of Rekha is 9 km/h, then the speed (in km/h) of Suman is:

Ans ✗ 1. $7\frac{1}{2}$

✗ 2. 8

✗ 3. 6

✓ 4. $6\frac{3}{4}$

Q.19 △ ABC is an equilateral triangle. D is a point on side BC such that BD : BC = 1 : 3. If AD = $5\sqrt{7}$ cm, then the side of the triangle is:

Ans ✗ 1. 20 cm

✗ 2. 18 cm

✓ 3. 15 cm

✗ 4. 12 cm

Q.20 The income of A is 20% less than the income of B and the income of C is 70% of the sum of incomes of A and B. The income of D is 25% more than the income of C. If the difference between the incomes of B and D is ₹23000, then what is the income (in ₹) of A?

Ans ✗ 1. 28000

✗ 2. 26000

✓ 3. 32000

✗ 4. 25000

Q.21 Study the following table and answer the question:

Number of cars sold by dealers A, B, C, D & E during first six months of 2018.

Month\Dealer	January	February	March	April	May	June
A	620	640	628	635	430	625
B	600	642	635	580	450	620
C	640	635	640	540	625	740
D	520	645	722	740	600	780
E	548	638	720	740	650	800

The average number of cars sold by dealer C in February, April and May exceeds the number of cars sold by the dealer E in January by x. The value of x lies between

Ans ✗ 1. 55 and 60

✗ 2. 40 and 45

✗ 3. 45 and 50

✓ 4. 50 and 55

Q.22 In Δ PQR, ∠Q = 90°. If $\tan R = \frac{1}{3}$, then what is the value of $\frac{secP(cosR+sinP)}{cosecR\ (sinR-cosecP)}$?

Ans

✗ 1. $\frac{18}{7}$

✔ 2. $-\frac{18}{7}$

✗ 3. $-\frac{2}{7}$

✗ 4. $\frac{2}{7}$

Q.23 Study the following table and answer the question:

Number of cars sold by dealers A, B, C, D & E during first six months of 2018.

Dealer \ Month	January	February	March	April	May	June
A	620	640	628	635	430	625
B	600	642	635	580	450	620
C	640	635	640	540	625	740
D	520	645	722	740	600	780
E	548	638	720	740	650	800

80 % the total number of cars sold by dealers B and E in April is what percent less than the total number of cars sold by the dealers C and D in February?

Ans

✗ 1. 15%

✗ 2. 12.5%

✔ 3. 17.5%

✗ 4. 16%

Q.24 Bar graph shows the number of students enrolled for a vocational course in institutes A and B during 5 years.
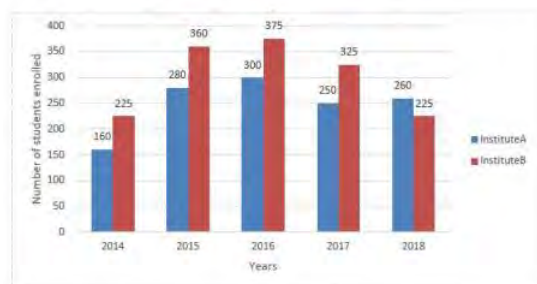
The average number of students enrolled in institute A during 2014, 2016 and 2018 is what percent less than the number of students enrolled in institute B during 2017 (correct to two decimal places)?

Ans

✗ 1. 29.17%

✗ 2. 32.75%

✔ 3. 26.15%

✗ 4. 22.46%

Q.25 A chord AB of circle C_1 of radius 17 cm touches circle C_2 which is concentric to C_1. The radius of C_2 is 8 cm. What is the length (in cm) of AB?

Ans
✗ 1. 25

✗ 2. 20

✓ 3. 30

✗ 4. 24

Question ID : **81616114084**
Status : **Answered**
Chosen Option : **3**

Section : **English Comprehension**

Q.1 Select the most appropriate meaning of the following idiom.

A live wire

Ans
✗ 1. An angry and bad-tempered person

✗ 2. A dangerous and evil person

✓ 3. A very active or energetic person

✗ 4. An influential and powerful person

Question ID : **81616114215**
Status : **Answered**
Chosen Option : **3**

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

Deride

Ans
✗ 1. Approve

✗ 2. Admire

✗ 3. Lift

✓ 4. Mock

Question ID : **81616114110**
Status : **Answered**
Chosen Option : **4**

Q.3 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.

Four of earliest civilisations / of the world / were located / on the banks of or near large rivers.

Ans
✗ 1. or near large rivers

✗ 2. of the world

✓ 3. Four of earliest civilisations

✗ 4. were located on the banks of

Question ID : **81616114196**
Status : **Answered**
Chosen Option : **3**

Q.4 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.

No sooner did Priya / get her report card / when she started jumping / with joy.

Ans ✗ 1. get her report card

✗ 2. with joy

✗ 3. No sooner did Priya

✓ 4. when she started jumping

Question ID : **81616114096**
Status : **Answered**
Chosen Option : **4**

Q.5 Select the most appropriate meaning of the following idiom.

Lion's share

Ans ✗ 1. The part that must be left for the guests in a party

✗ 2. The sound produced by a lion when it is attacking a prey

✓ 3. The greatest and most desirable portion of something

✗ 4. The strongest and richest partner in a group

Question ID : **81616114214**
Status : **Answered**
Chosen Option : **3**

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

Comfort

Ans ✗ 1. Luxury

✗ 2. Enjoyment

✗ 3. Happiness

✓ 4. Discontentment

Question ID : **81616112798**
Status : **Answered**
Chosen Option : **4**

Q.7 Select the option that expresses the given sentence in reported speech.

The policeman said, "It is clear that this is the work of a professional robber".

Ans ✓ 1. The policeman said that it was clear that that was the work of a professional robber.

✗ 2. The policeman said it was clear that is the work of a professional robber.

✗ 3. The policeman said that it must be clear that this was the work of a professional robber.

✗ 4. The policeman said that it had been clearly the work of a professional robber.

Question ID : **81616114098**
Status : **Answered**
Chosen Option : **1**

Q.8 Select the option that can be used as a one-word substitute for the given group of words.

The act or habit of talking in one's sleep

Ans ✗ 1. Soliloquy

✗ 2. Prologue

✓ 3. Somniloquy

✗ 4. Monologue

Question ID : **81616114116**

Status : **Answered**

Chosen Option : **3**

Q.9 Select the most appropriate ANTONYM of the given word.

Conceited

Ans ✓ 1. Modest

✗ 2. Superior

✗ 3. Proud

✗ 4. Vain

Question ID : **81616114213**

Status : **Answered**

Chosen Option : **1**

Q.10 Select the option that expresses the given sentence in passive voice.

The boy's cricket ball broke the neighbour's window.

Ans ✓ 1. The neighbour's window was broken by the boy's cricket ball.

✗ 2. The neighbour's window is broken by the boy's cricket ball.

✗ 3. The neighbour's window had been broke by the boy's cricket ball.

✗ 4. The neighbour's window was broke by the boy's cricket ball.

Question ID : **81616114097**

Status : **Answered**

Chosen Option : **1**

Q.11 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. They stopped at a village on the way to rest and drink water and found the entire village had gathered to watch a weightlifter who was putting on a performance.
B. Tenali was very impressed and exclaimed, "You are very strong!"
C. With his big arms and bulging muscles, he picked up a 200-kg bag of rice with ease.
D. One day Tenali Raman and his wife were on their way to Hampi.

Ans ✓ 1. DACB

✗ 2. BDCA

✗ 3. CDAB

✗ 4. DBCA

Question ID : **81616114209**

Status : **Answered**

Chosen Option : **1**

Q.12 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

Suresh has only been working <u>here since one month</u> and he has already learnt the job.

Ans ✔ 1. here for one month

✘ 2. here from one month

✘ 3. No substitution

✘ 4. here ever since one month

Question ID : **81616114099**
Status : **Answered**
Chosen Option : **1**

Q.13 Select the option that can be used as a one-word substitute for the given group of words.

A person who thinks that bad things are more likely to happen or who emphasises the bad part of a situation

Ans ✘ 1. Misanthropist

✘ 2. Complainer

✔ 3. Pessimist

✘ 4. Optimist

Question ID : **81616114115**
Status : **Answered**
Chosen Option : **3**

Q.14 Select the most appropriate synonym of the given word.

Brat

Ans ✘ 1. Rich person

✔ 2. Spoilt child

✘ 3. Plump lady

✘ 4. Wise man

Question ID : **81616114109**
Status : **Answered**
Chosen Option : **2**

Q.15 Select the most appropriate option to fill in the blank.

Himank's health has _____ ever since he has refused to get himself treated.

Ans ✔ 1. deteriorated

✘ 2. depreciated

✘ 3. disparaged

✘ 4. denigrated

Question ID : **81616114120**
Status : **Answered**
Chosen Option : **1**

Q.16 Select the INCORRECTLY spelt word.

Ans ✔ 1. Proffesser

✘ 2. Teacher

✘ 3. Headmaster

✘ 4. Director

Question ID : **81616112804**

Status : **Answered**

Chosen Option : **1**

Q.17 Select the INCORRECTLY spelt word.

Ans ✘ 1. Referred

✘ 2. Rhyme

✘ 3. Restaurant

✔ 4. Reciept

Question ID : **81616112805**

Status : **Answered**

Chosen Option : **4**

Q.18 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. Shopkeeper: "Here, I have packed them all."
B. Mala: "Please give me a packet of balloons, two packets of streamers, and some candles."
C. Shopkeeper: "Since we are offering some discount on the balloons, you need to pay only thirty rupees."
D. Mala: "How much do I need to pay?"

Ans ✔ 1. BADC

✘ 2. DABC

✘ 3. CDAB

✘ 4. ABCD

Question ID : **81616112794**

Status : **Answered**

Chosen Option : **1**

Q.19 Select the most appropriate option to fill in the blank.

Use your logical thinking for _____ decisions today as you will certainly succeed.

Ans ✘ 1. desperate

✘ 2. dangerous

✔ 3. critical

✘ 4. severe

Question ID : **81616114119**

Status : **Answered**

Chosen Option : **3**

Q.20 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

<u>With magnifying glass</u>, we can observe how minute insects like ants behave.

Ans ✗ 1. By a magnifying glass

✗ 2. Using magnifying glass

✗ 3. No substitution

✔ 4. With a magnifying glass

Question ID : **81616114100**
Status : **Answered**
Chosen Option : **4**

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.

Tourism is one (1)_____ the biggest businesses in the world, generating (2)_____ 200 million jobs. It is vital for the economies of (3)_____ countries. The downside is that tourism is a major (4)_____ of climate change through the carbon (5)_____ it causes.

SubQuestion No : 21

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

Ans ✗ 1. by

✔ 2. of

✗ 3. at

✗ 4. in

Question ID : **81616112789**
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.

Tourism is one (1)_____ the biggest businesses in the world, generating (2)_____ 200 million jobs. It is vital for the economies of (3)_____ countries. The downside is that tourism is a major (4)_____ of climate change through the carbon (5)_____ it causes.

SubQuestion No : 22

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

Ans ✗ 1. at most

✔ 2. at least

✗ 3. at much

✗ 4. at last

Question ID : **81616112790**
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.

Tourism is one (1)_____ the biggest businesses in the world, generating (2)_____ 200 million jobs. It is vital for the economies of (3)_____ countries. The downside is that tourism is a major (4)_____ of climate change through the carbon (5)_____ it causes.

SubQuestion No : 23

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

Ans ✗ 1. enough

  ✔ 2. many

  ✗ 3. less

  ✗ 4. much

Question ID : **81616112791**
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.

Tourism is one (1)_____ the biggest businesses in the world, generating (2)_____ 200 million jobs. It is vital for the economies of (3)_____ countries. The downside is that tourism is a major (4)_____ of climate change through the carbon (5)_____ it causes.

SubQuestion No : 24

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

Ans ✗ 1. contractor

  ✗ 2. revolver

  ✗ 3. quantifier

  ✔ 4. contributor

Question ID : **81616112792**
Status : **Answered**
Chosen Option : **4**

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.

Tourism is one (1)_____ the biggest businesses in the world, generating (2)_____ 200 million jobs. It is vital for the economies of (3)_____ countries. The downside is that tourism is a major (4)_____ of climate change through the carbon (5)_____ it causes.

SubQuestion No : 25

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

Ans ✗ 1. variations

  ✗ 2. options

  ✗ 3. omissions

  ✔ 4. emissions

Question ID : **81616112793**
Status : **Answered**
Chosen Option : **4**