Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	20/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : General Intelligence and Reasoning

Q.1 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

MCN, NCO, OCP, PCQ, ?

Ans   ✓ 1. QCR

     ✗ 2. PCS

     ✗ 3. OCQ

     ✗ 4. PQR

Question ID : 81616113414
Status : **Answered**
Chosen Option : **1**

Q.2 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

12 34 110
6 13 35
9 ? 60

Ans   ✗ 1. 18

     ✓ 2. 21

     ✗ 3. 23

     ✗ 4. 19

Question ID : 81616113327
Status : **Answered**
Chosen Option : **2**

Q.3 Select the option that is related to the third word in the same way as the second word is related to the first word.

Varanasi : Ganga : : Mathura : ?

Ans   ✗ 1. Narmada

     ✗ 2. Ganga

     ✗ 3. Godavari

     ✓ 4. Yamuna

Question ID : 81616112408
Status : **Answered**
Chosen Option : **4**

Q.4 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Hypodermic
2. Hypocrite
3. Hysterical
4. Hypothermia
5. Hypotenuse

Ans ✗ 1. 1, 2, 3, 4, 5

✗ 2. 3, 5, 1, 2, 4

✓ 3. 2, 1, 5, 4, 3

✗ 4. 4, 3, 5, 1, 2

Question ID : **81616112405**
Status : **Answered**
Chosen Option : **3**

Q.5 There are two couples in a family. Komali has two children. Madhurima is the wife of Omprakash, who is the brother of Mani. Pinki is the daughter of Komali. Urmila is the sister of Sanju, who is the son of Omprakash. Tarun is the son of Mani, who is a male.

How is Madhurima is related to Komali?

Ans ✗ 1. Sister

✓ 2. Sister-in-law

✗ 3. Aunt

✗ 4. Mother

Question ID : **81616113423**
Status : **Answered**
Chosen Option : **2**

Q.6 In a certain code language, 'RAJ' is coded as '87' and 'GITA' is coded as '148'. How will 'VARUN' be coded in that language?

Ans ✗ 1. 176

✗ 2. 403

✓ 3. 380

✗ 4. 234

Question ID : **81616112310**
Status : **Answered**
Chosen Option : **3**

Q.7 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. Goitre

✓ 2. Diarrhoea

✗ 3. Scurvy

✗ 4. Anaemia

Question ID : **81616112306**
Status : **Answered**
Chosen Option : **2**

Q.8 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. MN

✗ 2. KP

✓ 3. QL

✗ 4. GT

Question ID : 81616112406
Status : **Answered**
Chosen Option : **3**

Q.9 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.
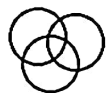
A p 6 9 D q M t |P
                 |Q

Ans ✗ 1. ꜱMpꓷꝺꝗA

✗ 2. ꓯbꝺꝏDꝺMꜱ

✓ 3. ꜱMpꓷꝏꝺqA

✗ 4. ꓯbꝺꝏDꝺMꜱ

Question ID : 81616113436
Status : **Answered**
Chosen Option : **3**

Q.10 Select the set of classes, the relationship among which is best illustrated by the following Venn diagram.

Ans ✗ 1. Doctors, Fathers, Sisters

✗ 2. Stationery, Stapler, Erasers

✓ 3. Extroverts, Men, Handsome

✗ 4. Bureaucrats, Men, Women

Question ID : 81616113337
Status : **Answered**
Chosen Option : **3**

Q.11 The monthly income of three cricketers Ankit, Sanjay and Roshan, from different sources, are in the ratio of 12 : 9 : 7, and their expenditures are in the ratio 15 : 9 : 8. If Ankit saves 25% of his income for future investments, what is the ratio of the savings of Ankit, Sanjay and Roshan?

Ans   ✓ 1. 15 : 18 : 11

   ✗ 2. 25 : 16 : 13

   ✗ 3. 5 : 8 : 7

   ✗ 4. 23 : 18 : 11

Question ID : **81616113431**
Status : **Answered**
Chosen Option : **1**

Q.12 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. (812, 121)

   ✓ 2. (547, 258)

   ✗ 3. (723, 144)

   ✗ 4. (546, 225)

Question ID : **81616112316**
Status : **Answered**
Chosen Option : **2**

Q.13 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.

11 : 81 : : ? : 121 : : 8 : 36

Ans   ✓ 1. 13

   ✗ 2. 12

   ✗ 3. 10

   ✗ 4. 18

Question ID : **81616113325**
Status : **Answered**
Chosen Option : **1**

Q.14 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 lockets are chains.
100% medals are lockets.
Some rings are chains.

Conclusions:
I. All chains are medals.
II. All medals being rings is a possibility.

Ans   ✓ 1. Only conclusion II follows

   ✗ 2. Both conclusions I and II follow

   ✗ 3. Only conclusion I follows

   ✗ 4. Neither conclusion I nor II follows

Question ID : **81616113323**
Status : **Answered**
Chosen Option : **1**

Q.15 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

JL_N_J_PND_NP_DJ_P_D

Ans ✗ 1. M, D, P, N, J, N, O

✗ 2. P, M, D, N, J, O, N

✓ 3. P, D, M, J, N, O, N

✗ 4. M, D, N, P, N, J, O

Question ID : **81616113422**
Status : **Answered**
Chosen Option : **3**

Q.16 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 : **81616112422**
Status : **Answered**
Chosen Option : **3**

Q.17 Select the option in which the words share the same relationship as that shared by the given pair of words.

Pulmonologist : Lungs

Ans ✗ 1. Ophthalmologist : Ears

✗ 2. Nephrologist : Nerves

✓ 3. Endocrinologist : Glands

✗ 4. Bones : Orthopaedic

Question ID : **81616113419**
Status : **Answered**
Chosen Option : **3**

Q.18 Select the correct combination of mathematical signs that can sequentially replace the * signs and make the equation correct.

45 * 24 * 72 * 20 * 12 * 7

Ans ✓ 1. ×, ÷, =, −, +

✗ 2. ÷, ×, +, −, =

✗ 3. =, ×, +, ÷, −

✗ 4. +, ÷, −, =, ×

Question ID : **81616112319**
Status : **Answered**
Chosen Option : **1**

Q.19 Select the number from among the given options that can replace the question mark (?) in the following series.

121, 169, 225, 289, ?

Ans ✗ 1. 398

✗ 2. 410

✓ 3. 361

✗ 4. 305

Question ID : **81616112415**
Status : **Answered**
Chosen Option : **3**

Q.20 Two different positions of the same dice are shown, the faces of which are marked with the letters F, G, H, I, J and K. Select the letter that will be on the face opposite to the face having the letter 'F'.

```
    F           J
 J  I        H  G
```

Ans ✗ 1. J

✓ 2. G

✗ 3. H

✗ 4. I

Question ID : **81616112323**
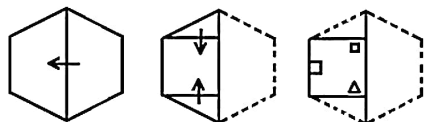Status : **Answered**
Chosen Option : **2**

Q.21 Select the option in which the numbers are related in the same way as are the numbers of the following set.
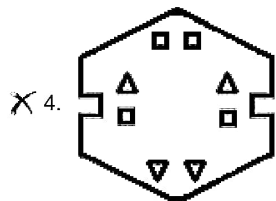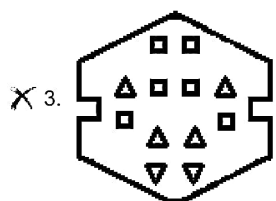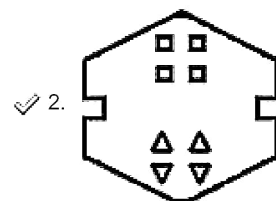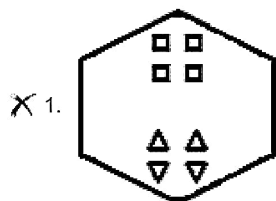
(12, 121, 169)

Ans ✗ 1. (14, 196, 225)

✗ 2. (16, 161, 256)

✗ 3. (11, 144, 196)

✓ 4. (17, 256, 324)

Question ID : **81616112318**
Status : **Answered**
Chosen Option : **4**

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?
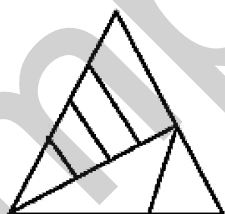
Ans

✗ 1.

✓ 2.

✗ 3.

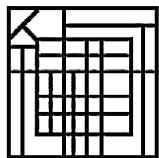✗ 4.

Question ID : 81616113437
Status : **Answered**
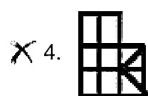Chosen Option : **2**

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

Ans ✗ 1. 7

✗ 2. 9

✗ 3. 10

✓ 4. 8

Question ID : 81616112322
Status : **Answered**
Chosen Option : **4**

Q.24 Select the option figure that is embedded in the given figure (rotation is NOT allowed).

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.
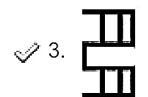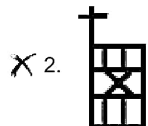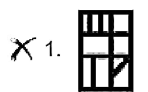
Question ID : **81616113435**

Status : **Answered**

Chosen Option : **3**

Q.25 In a certain code language, 'INHALE' is written as 'REEDIH'. How will 'MIGHTY' be written in that language?

Ans ✗ 1. IMCLCP

✓ 2. MILCCP

✗ 3. MCLICP

✗ 4. CCILMP

Question ID : **81616113319**

Status : **Answered**

Chosen Option : **2**

Section : General Awareness

Q.1 In which of the following states was India's first gender park inaugurated in February 2021?

Ans ✓ 1. Kerala

✗ 2. Karnataka

✗ 3. Odisha

✗ 4. West Bengal

Question ID : **81616113462**

Status : **Answered**

Chosen Option : **1**

Q.2 The scientific study of birds is called _____.

Ans ✓ 1. ornithology

✗ 2. ichthyology

✗ 3. gerontology

✗ 4. pomology

Question ID : **81616113345**

Status : **Answered**

Chosen Option : **1**

Q.3 Which Indian state won the 'UN Interagency Task Force' ('UNIATF') award this year for prevention and control of non-communicable diseases in the year 2020?

Ans ✗ 1. Tamil Nadu

✗ 2. Goa

✗ 3. Gujarat

✓ 4. Kerala

Question ID : **81616112445**

Status : **Not Answered**

Chosen Option : **--**

Q.4 Which of the following minerals produces green colour in fireworks?

Ans ✗ 1. Sodium

✓ 2. Barium

✗ 3. Zinc

✗ 4. Copper

Question ID : **81616113342**

Status : **Answered**

Chosen Option : **2**

Q.5 Padavali Kirtan refers to songs composed in the medieval period of West Bengal (15th to 17th century) in praise of _____.

Ans ✗ 1. Shiva

✗ 2. Shakti

✓ 3. Vishnu

✗ 4. Brahma

Question ID : **81616112329**

Status : **Answered**

Chosen Option : **2**

Q.6 Who among the following broke the national under-20 record in the 10,000 m race walk in January 2021?

Ans ✓ 1. Amit Khatri

✗ 2. Naresh Kumar

✗ 3. Rahul Bind

✗ 4. Paramdeep Mor

Question ID : **81616113359**

Status : **Not Answered**

Chosen Option : **--**

Q.7 The problem of choice between relatively scarce commodities due to limited productive resources with the society can be illustrated with the help of a _____.

Ans ✗ 1. demand curve

✗ 2. marginal utility curve

✗ 3. budget line

✓ 4. production possibility curve

Question ID : **81616112331**
Status : **Not Answered**
Chosen Option : **--**

Q.8 In October 2020, _____ Indian beaches were awarded the 'Blue Flag' certification by an international jury comprising of eminent members such as UNEP, UNWTO, FEE and IUCN.

Ans ✗ 1. 4

✗ 2. 6

✓ 3. 8

✗ 4. 10

Question ID : **81616112453**
Status : **Answered**
Chosen Option : **2**

Q.9 Who was the brand ambassador of World Wildlife Fund India's Environment Education Programme as of January 2021?

Ans ✗ 1. Dia Mirza

✓ 2. Viswanathan Anand

✗ 3. Virat Kohli

✗ 4. MS Dhoni

Question ID : **81616113456**
Status : **Answered**
Chosen Option : **2**

Q.10 Which Indian state had the highest number of large dams as of January 2021?

Ans ✗ 1. Tamil Nadu

✗ 2. Rajasthan

✓ 3. Maharashtra

✗ 4. Gujarat

Question ID : **81616112440**
Status : **Answered**
Chosen Option : **4**

Q.11 In which of the following states does the Governor have special responsibility under Article 371H of the Constitution with respect to law and order and in discharge of his functions in relation thereto?

Ans ✗ 1. Sikkim

✓ 2. Arunachal Pradesh

✗ 3. Nagaland

✗ 4. Mizoram

Question ID : **81616112346**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Who among the following is the Chairman of Planning Commission and National Integration Council of India?

Ans ✗ 1. The Vice President

✗ 2. The Attorney General

✗ 3. The President

✓ 4. The Prime Minister

Question ID : 81616113458
Status : **Answered**
Chosen Option : **4**

Q.13 Who among the following was the founder and the first Chairman and Commissioner of the Indian Premier League (IPL)?

Ans ✗ 1. Raj Singh Dungarpur

✗ 2. Sandeep Patil

✓ 3. Lalit Modi

✗ 4. Jagmohan Dalmiya

Question ID : 81616112449
Status : **Answered**
Chosen Option : **3**

Q.14 At which of the following places did Lord Buddha give his first sermon on the Four Noble Truths?

Ans ✗ 1. Lumbini

✓ 2. Sarnath

✗ 3. Bodh Gaya

✗ 4. Rajgir

Question ID : 81616113353
Status : **Answered**
Chosen Option : **2**

Q.15 Which of the following is the largest sea bird with the longest wingspan?

Ans ✗ 1. Booby

✗ 2. Auk

✓ 3. Wandering Albatross

✗ 4. Frigatebird

Question ID : 81616113447
Status : **Not Answered**
Chosen Option : **--**

Q.16 Which of the following rivers empties into the Gulf of Cambay of the Arabian Sea, in the state of Gujarat?

Ans ✗ 1. Godavari

✗ 2. Cauvery

✗ 3. Krishna

✓ 4. Tapti

Question ID : 81616112337
Status : **Answered**
Chosen Option : **4**

Q.17 Which of the following movies has been selected as India's official entry for the 'International Feature Film' category at the 93rd Academy Awards?

Ans ✗ 1. Ek Hazarachi Note

✗ 2. The Sky Is Pink

✗ 3. Gulabo Sitabo

✓ 4. Jallikattu

Question ID : **81616112451**
Status : **Answered**
Chosen Option : **4**

Q.18 C Rajagopalachari led the Salt Satyagraha in which of the following states?

Ans ✗ 1. Rajasthan

✗ 2. Maharashtra

✗ 3. Gujarat

✓ 4. Tamil Nadu

Question ID : **81616113453**
Status : **Answered**
Chosen Option : **4**

Q.19 In which of the following states is the 'Eco Retreat' festival held every year?

Ans ✓ 1. Odisha

✗ 2. Tamil Nadu

✗ 3. Assam

✗ 4. Bihar

Question ID : **81616113338**
Status : **Answered**
Chosen Option : **1**

Q.20 Which of the following states was awarded by the Union Government for being the best state in the fisheries sector amongst hilly and north-eastern states for the year 2019-2020?

Ans ✗ 1. Sikkim

✗ 2. Mizoram

✗ 3. Tripura

✓ 4. Assam

Question ID : **81616113449**
Status : **Not Answered**
Chosen Option : **--**

Q.21 A type of court called 'Kantakasodhana' was prevalent in the _____ Empire.

Ans ✗ 1. Rashtrakuta

✗ 2. Kushana

✓ 3. Mauryan

✗ 4. Chola

Question ID : **81616112341**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Who was the first and last woman ruler of Delhi Sultanate?

Ans   ✗ 1. Sultana Chand Bibi

    ✗ 2. Nur Jahan

    ✗ 3. Rani Durgavati

    ✓ 4. Razia Sultana

Question ID : **81616113350**
Status : **Answered**
Chosen Option : **4**

Q.23 _____ include/s glycogen, poly-β- hydroxybutyrate granules, sulphur granules and gas vesicles.

Ans   ✗ 1. Flagella

    ✗ 2. Plasma membrane

    ✗ 3. Mesosomes

    ✓ 4. Cytoplasm

Question ID : **81616112434**
Status : **Not Answered**
Chosen Option : **--**

Q.24 In which of the following states is the headquarters of IDBI (Industrial Development Bank of India) located?

Ans   ✗ 1. Karnataka

    ✗ 2. West Bengal

    ✓ 3. Maharashtra

    ✗ 4. Haryana

Question ID : **81616113441**
Status : **Answered**
Chosen Option : **3**

Q.25 What is the boiling point at standard atmospheric pressure at sea-level and 45° latitude of water on the Celsius scale?

Ans   ✗ 1. 50°C

    ✗ 2. 150°C

    ✗ 3. 200°C

    ✓ 4. 100°C

Question ID : **81616112334**
Status : **Not Answered**
Chosen Option : **--**

Section : Quantitative Aptitude

Q.1 In a circle with centre O and radius 13 cm, a chord AB is drawn. Tangents at A and B intersect at P such that

$\angle APB = 60°$. If distance of AB from the centre O is 5 cm, then what is the length (in cm) of AP?

Ans   ✗ 1. 12

    ✗ 2. 11

    ✗ 3. 22

    ✓ 4. 24

Question ID : **81616112368**
Status : **Answered**
Chosen Option : **4**

Q.2 The table shows the daily income of 50 persons.
Study the table and answer the question.

Income (₹)	No. of persons
less than 200	12
less than 250	26
less than 300	34
less than 350	40
less than 400	50

What is the ratio of the number of persons earning less than ₹200 to the number of persons earning ₹300 or more?

Ans

✗ 1. $6:5$

✓ 2. $3:4$

✗ 3. $3:10$

✗ 4. $6:17$

Question ID : 81616112779
Status : **Answered**
Chosen Option : **2**

Q.3 In a circle, chords AB and CD intersect internally, at E. If CD = 16 cm, DE = 6 cm, AE = 12 cm, and BE = x cm then the value of x is:

Ans

✗ 1. 6

✗ 2. 17

✓ 3. 5

✗ 4. 9

Question ID : 81616113478
Status : **Answered**
Chosen Option : **3**

Q.4 The ratio of two numbers A and B is 5 : 8. If 5 is added to each of A and B, then the ratio becomes 2 : 3. The difference in A and B is:

Ans

✓ 1. 15

✗ 2. 20

✗ 3. 12

✗ 4. 10

Question ID : 81616113369
Status : **Answered**
Chosen Option : **1**

Q.5 If $sec(5\alpha - 15°) = cosec(15° - 2\alpha)$, then the value of $cos\alpha + sin2\alpha + tan(1.5\alpha)$ is:

Ans

✓ 1. $\sqrt{3} + 1$

✗ 2. $\sqrt{2} - 1$

✗ 3. $\sqrt{3} - 1$

✗ 4. $\sqrt{2} + 1$

Question ID : 81616113383
Status : **Answered**
Chosen Option : **1**

Q.6 If $\sin(20 + x)° = \cos 60°, 0 \le (20 + x) \le 90$, then find the value of $2\sin^2(3x + 15)° - \csc^2(2x + 10)°$.

Ans
✗ 1. 3

✓ 2. -3

✗ 3. $-\dfrac{1}{3}$

✗ 4. -2

Question ID : **81616112371**
Status : **Answered**
Chosen Option : **2**

Q.7 Weight of A is 20% more than weight of B, whose weight is 30% more than weight of C. By how much percent weight of A is more than weight of C?

Ans
✗ 1. 44

✓ 2. 56

✗ 3. 69

✗ 4. 35.89

Question ID : **81616112357**
Status : **Answered**
Chosen Option : **2**

Q.8 A takes 2 hours more than B to cover a distance of 40 km. If A doubles his speed, he takes $1\frac{1}{2}$ hour more than B to cover 80 km. To cover a distance of 120 km, how much time (in hours) will B take travelling at his same speed?

Ans
✗ 1. $1\dfrac{2}{3}$

✗ 2. $1\dfrac{1}{4}$

✗ 3. $1\dfrac{1}{3}$

✓ 4. $1\dfrac{1}{2}$

Question ID : **81616113372**
Status : **Answered**
Chosen Option : **4**

Q.9 If $\left(2a + \dfrac{3}{a} - 1\right) = 11$, what is the value of $\left(4a^2 + \dfrac{9}{a^2}\right)$?

Ans
✗ 1. 121

✗ 2. 148

✓ 3. 132

✗ 4. 110

Question ID : **81616112366**
Status : **Answered**
Chosen Option : **3**

Q.10 If $a^2 + b^2 + c^2 + 216 = 12(a + b - 2c)$, then $\sqrt{ab - bc - ca}$ is:

Ans

✗ 1. $3\sqrt{5}$

✗ 2. $8\sqrt{5}$

✓ 3. $6\sqrt{5}$

✗ 4. $4\sqrt{5}$

Question ID : 81616113375
Status : **Answered**
Chosen Option : **3**

Q.11 Fourteen persons can do a work in 18 days. After 5 days of work, 6 workers left the work, and joined back on the last day of the work. In how many days the work got completed?

Ans

✓ 1. 27

✗ 2. 24

✗ 3. 12

✗ 4. 21

Question ID : 81616112361
Status : **Answered**
Chosen Option : **1**

Q.12 Find the value of $\tan 35° \cot 40° \tan 45° \cot 50° \tan 55°$.

Ans

✗ 1. $\dfrac{1}{\sqrt{2}}$

✗ 2. $\dfrac{1}{2}$

✗ 3. -1

✓ 4. 1

Question ID : 81616112877
Status : **Answered**
Chosen Option : **4**

Q.13 What is the value of k such that number 72k460k is divisible by 6?

Ans

✓ 1. 4

✗ 2. 7

✗ 3. 9

✗ 4. 8

Question ID : 81616112353
Status : **Answered**
Chosen Option : **1**

Q.14 In Δ ABC, D is a point on side AB such that BD = 3 cm and DA = 4 cm. E is a point on BC such that DE ∥ AC. Then

Area of Δ BDE : Area of trapezium ACED =

Ans   ✗ 1. 40 : 9

✗ 2. 33 : 16

✗ 3. 16 : 33

✓ 4. 9 : 40

Question ID : **81616113481**
Status : **Answered**
Chosen Option : **4**

Q.15 The average of squares of five consecutive odd natural numbers is 233. What is the average of the largest number and the smallest number?

Ans   ✓ 1. 15

✗ 2. 17

✗ 3. 11

✗ 4. 13

Question ID : **81616113466**
Status : **Answered**
Chosen Option : **1**

Q.16 Simplify $(x - y + z)^2 - (x - y - z)^2$.

Ans   ✓ 1. $4xz - 4yz$

✗ 2. $2xz + 2yz$

✗ 3. $4yz - 4xz$

✗ 4. $4xz + 4yz$

Question ID : **81616112465**
Status : **Answered**
Chosen Option : **1**

Q.17 Simplify the following expression:

$3 \times 8 \div 9$ of $6 - 2 \div 3 \times (5 - 2) \times 2 + 18 \div 3$ of 3

Ans   ✓ 1. $-1\frac{5}{9}$

✗ 2. $2\frac{12}{13}$

✗ 3. -4

✗ 4. $2\frac{1}{3}$

Question ID : **81616112455**
Status : **Answered**
Chosen Option : **1**

Q.18 A certain sum amounts to ₹81840 in 3 years and to ₹92400 in 5 years at $x\%$ p.a under simple interest. If the rate of interest is becomes $(x + 2)\%$, then in how many years will the same sum double itself?
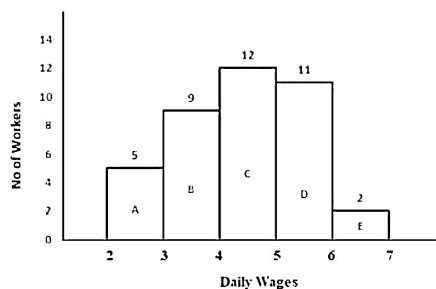
Ans

✗ 1. 8

✓ 2. 10

✗ 3. 20

✗ 4. $12\frac{1}{2}$

Question ID : **81616112360**
Status : **Answered**
Chosen Option : **2**

Q.19 In a factory there are 39 workers who have been categorized into five groups (A, B, C, D, E) on the basis of the range of their daily wages (in multiples of ₹100). The distribution is presented through a Histogram shown below:

What is the ratio of the number of employees whose daily wages are ₹200 or more but less than ₹400 to that of the number of employees whose daily wages are ₹400 or more but less than ₹600?

Ans

✗ 1. $41 : 23$

✗ 2. $23 : 41$

✓ 3. $14 : 23$

✗ 4. $23 : 14$

Question ID : **81616113386**
Status : **Answered**
Chosen Option : **3**

Q.20 The data given in the table shows the number of students studying in four different disciplines in 5 institutes.
Study the table and answer the question.

Institutes	Arts	Science	Commerce	Computer Science
A	36	48	59	57
B	45	54	55	48
C	55	36	56	51
D	45	48	55	53
E	48	44	52	55

Number of students studying Computer Science in the institutes A and C taken together is what percent of the number of students studying Arts in the institutes B and D taken together?
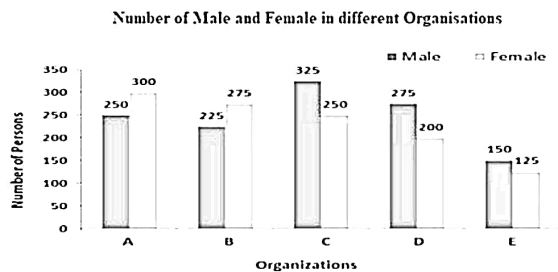
Ans

✗ 1. 108

✗ 2. 200

✓ 3. 120

✗ 4. 83.3

Question ID : **81616112781**
Status : **Answered**
Chosen Option : **3**

Q.21 Bar graph shows the number of males and females in five organizations A. B. C. D and E.

Number of Male and Female in different Organisations

For which organisation, difference between the number of males and the average number of females of all the organisations is minimum?

Ans
- ✗ 1. D
- ✗ 2. C
- ✗ 3. A
- ✓ 4. B

Question ID : **81616113384**
Status : **Answered**
Chosen Option : **4**

Q.22 Triangle ABC is an equilateral triangle. D and E are points on AB and AC respectively such that DE is parallel to BC and is equal to half the length of BC. If AD−CE+BC = 30 cm. then find the perimeter (in cm) of the quadrilateral BCED.

Ans
- ✓ 1. 37.5
- ✗ 2. 25
- ✗ 3. 45
- ✗ 4. 35

Question ID : **81616112470**
Status : **Answered**
Chosen Option : **1**

Q.23 An article is marked 27°₀ above its cost price. If x °₀ discount is allowed on the marked price and still there is a profit of 6.68°₀, then what is the value of x ?

Ans
- ✗ 1. 15
- ✗ 2. 20
- ✓ 3. 16
- ✗ 4. 12.5

Question ID : **81616113366**
Status : **Answered**
Chosen Option : **3**

Q.24 The area of a quadrant of a circle is $\frac{\pi}{9}\ m^2$. Its radius (in metres) is equal to:

Ans

✓ 1. $\frac{2}{3}$

✗ 2. $\frac{1}{3}$

✗ 3. $\frac{1}{2}$

✗ 4. $\frac{3}{2}$

Question ID : **81616113474**
Status : **Answered**
Chosen Option : **1**

Q.25 A sold an article to B at a profit of 25%. B sold it to C at a profit of 15%. The profit made by B is ₹40 less than the profit made by A. What is the cost price (in ₹) of the article for A?

Ans

✗ 1. 240

✓ 2. 640

✗ 3. 546

✗ 4. 400

Question ID : **81616112459**
Status : **Answered**
Chosen Option : **2**

Section : English Comprehension

Q.1 Select the option that expresses the given sentence in indirect speech.

The professor said to the media persons, "From our research we have come to the conclusion that there is life on that planet."

Ans ✗ 1. The professor said to the media persons from our research you had come to the conclusion that there was life on that planet.

✗ 2. The professor told to the media persons that from your research you have come to the conclusion that there is life on that planet.

✓ 3. The professor said to the media persons that from their research they had come to the conclusion that there was life on that planet.

✗ 4. The professor informed the media persons that from our research we have come to the conclusion that there had been life on that planet.

Question ID : **81616113492**
Status : **Answered**
Chosen Option : **3**

Q.2 Select the most appropriate meaning of the given idiom.

A bad egg

Ans ✗ 1. Someone who doesn't like eggs

✓ 2. Someone who is dishonest and unreliable

✗ 3. Someone who likes to break eggs

✗ 4. Someone who regularly makes mistakes

Question ID : **81616113406**
Status : **Answered**
Chosen Option : **2**

Q.3 Select the most appropriate synonym of the given word.

Tag (n)

Ans ✅ 1. Label

❌ 2. Syphon

❌ 3. Drain

❌ 4. Pump

Question ID : **81616113503**
Status : **Answered**
Chosen Option : **1**

Q.4 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. According to his hypothesis, now known as the neuron theory, each nerve cell communicates with others through contiguity rather than continuity.
B. The watershed of all studies of the nervous system was an observation made in 1889 by Spanish scientist Santiago Ramón y Cajal.
C. It has since been proved that Cajal's theory is not universally true, but his central idea has remained an accurate guiding principle for all further study.
D. That is, communication between adjacent but separate cells must take place across the space and barriers separating them.

Ans ✅ 1. BADC

❌ 2. CDAB

❌ 3. BCDA

❌ 4. ADCB

Question ID : **81616113401**
Status : **Answered**
Chosen Option : **1**

Q.5 Select the option that expresses the given sentence in passive voice.

You can solve this problem.

Ans ✅ 1. This problem can be solved by you.

❌ 2. This problem should be solved by you.

❌ 3. This problem might be solved by you.

❌ 4. This problem ought to be solved by you.

Question ID : **81616112380**
Status : **Answered**
Chosen Option : **1**

Q.6 Select the INCORRECTLY spelt word.

Ans ❌ 1. Magnificent

❌ 2. Articulate

❌ 3. Colossal

✅ 4. Concensus

Question ID : **81616112502**
Status : **Answered**
Chosen Option : **3**

Q.7 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.

Ranbir could not went / to the award ceremony / as he was busy / shooting / for a film / in Maldives.

Ans ✗ 1. for a film

✗ 2. as he was busy

✓ 3. Ranbir could not went

✗ 4. to the award ceremony

Question ID : **81616112379**
Status : **Answered**
Chosen Option : **3**

Q.8 The following sentence has been divided into parts. One of them may contain an error.
Select the part that contains the error from the given options. If there is no error, select 'No error'.

Modern science have / broken many myths / about our food and diet.

Ans ✗ 1. No error

✓ 2. Modern science have

✗ 3. about our food and diet

✗ 4. broken many myths

Question ID : **81616113388**
Status : **Answered**
Chosen Option : **2**

Q.9 Select the most appropriate option to fill in the blank.

Credit card _____ has increased in recent years.

Ans ✓ 1. fraud

✗ 2. flake

✗ 3. freed

✗ 4. fluke

Question ID : **81616112402**
Status : **Answered**
Chosen Option : **1**

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

Blemish

Ans ✗ 1. Damage

✗ 2. Stain

✗ 3. Discolouration

✓ 4. Perfection

Question ID : **81616113405**
Status : **Answered**
Chosen Option : **4**

Q.11 Select the most appropriate option to fill in the blank.

My neighbour was admitted to the hospital when he developed an allergic _____ to some medicine he took.

Ans ✓ 1. reaction

✗ 2. result

✗ 3. retort

✗ 4. rejoinder

Question ID : **81616113514**
Status : **Answered**
Chosen Option : **1**

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

An arrangement of flowers that is usually given as a present.

Ans ✗ 1. Bracket

✗ 2. Basket

✓ 3. Bouquet

✗ 4. Boutique

Question ID : **81616112398**
Status : **Answered**
Chosen Option : **3**

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

Detrimental

Ans ✗ 1. Friendly

✗ 2. Smart

✗ 3. Intellectual

✓ 4. Harmful

Question ID : **81616113504**
Status : **Answered**
Chosen Option : **4**

Q.14 Select the INCORRECTLY spelt word.

Ans ✗ 1. Cadre

✗ 2. Commit

✗ 3. Carnivorous

✓ 4. Calender

Question ID : **81616112501**
Status : **Answered**
Chosen Option : **4**

Q.15 Select the most appropriate meaning of the given idiom.

Tide someone over

Ans ✗ 1. Ask someone for financial assistance

✓ 2. Give temporary help, usually financial

✗ 3. Get a boat ready to cross a river or water body

✗ 4. Complete a voyage successfully

Question ID : **81616113407**
Status : **Answered**
Chosen Option : **2**

Q.16 Select the option that can be used as a one-word substitute for the given group of words.

One who does not believe in the existence of God.

Ans ✗ 1. Anarchist

✓ 2. Atheist

✗ 3. Egotist

✗ 4. Cynic

Question ID : **81616112399**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

After the old building was pulled out, the building contractor surveyed the progress of the work.

Ans ✗ 1. was pulled over

✗ 2. No substitution

✗ 3. was pulled up

✓ 4. was pulled down

Question ID : **81616113494**
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. Dad: "Yes, tell me."
B. Laxmi: "Dad, I need to speak to you."
C. Dad: "I think you are still too young for it."
D. Laxmi: "Please buy me a scooter."

Ans ✗ 1. ABDC

✗ 2. BCDA

✗ 3. DCBA

✓ 4. BADC

Question ID : **81616112491**
Status : **Answered**
Chosen Option : **4**

Q.19 **Select the most appropriate ANTONYM of the given word.**

Anxiety

Ans ✗ 1. Nervousness

✗ 2. Panic

✗ 3. Restlessness

✓ 4. Certainty

Question ID : **81616112495**

Status : **Answered**

Chosen Option : **4**

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

The apple a day keeps the doctor away.

Ans ✗ 1. No substitution

✗ 2. The apples a day

✓ 3. An apple a day

✗ 4. A apple a day

Question ID : **81616112382**

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.

The five senses (1)_____ sight, hearing, taste, touch and (2)_____. What is sometimes (3)_____ to as a 'sixth sense' is a power to be aware (4)_____ things independently of the five (5)_____ senses, a kind of supernatural sense.

SubQuestion No : 21

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

Ans ✗ 1. in

✗ 2. is

✓ 3. are

✗ 4. of

Question ID : **81616112486**

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.

The five senses (1)_____ sight, hearing, taste, touch and (2)_____. What is sometimes (3)_____ to as a 'sixth sense' is a power to be aware (4)_____ things independently of the five (5)_____ senses, a kind of supernatural sense.

SubQuestion No : 22

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

Ans ✗ 1. sadness

✗ 2. happiness

✓ 3. smell

✗ 4. anger

Question ID : **81616112487**
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.

The five senses (1)_____ sight, hearing, taste, touch and (2)_____. What is sometimes (3)_____ to as a 'sixth sense' is a power to be aware (4)_____ things independently of the five (5)_____ senses, a kind of supernatural sense.

SubQuestion No : 23

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

Ans ✗ 1. reminded

✗ 2. retained

✗ 3. required

✓ 4. referred

Question ID : **81616112488**
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.

The five senses (1)_____ sight, hearing, taste, touch and (2)_____. What is sometimes (3)_____ to as a 'sixth sense' is a power to be aware (4)_____ things independently of the five (5)_____ senses, a kind of supernatural sense.

SubQuestion No : 24

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

Ans ✗ 1. at

✓ 2. of

✗ 3. on

✗ 4. in

Question ID : **81616112489**
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.

The five senses (1)_____ sight, hearing, taste, touch and (2)_____. What is sometimes (3)_____ to as a 'sixth sense' is a power to be aware (4)_____ things independently of the five (5)_____ senses, a kind of supernatural sense.

SubQuestion No : 25

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

Ans ✗ 1. geographical

✓ 2. physical

✗ 3. geological

✗ 4. botanical

Question ID : **81616112490**
Status : **Answered**
Chosen Option : **2**