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Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	13/08/2021
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 option in which the words share the same relationship as that shared by the given pair of words.

Horses : Neigh

Ans
✗ 1. Pigs : Buzz
✗ 2. Hares : Boom
✓ 3. Ducks : Quack
✗ 4. Parrots : Bray

Question ID : **81616113318**
Status : **Answered**
Chosen Option : **3**

Q.2 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.

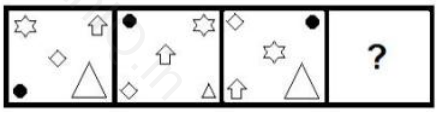
Statements:
All polygons are angles.
All angles are diagonals.
All cones are cubes.
All cubes are decagons.
No diagonal is a cube.

Conclusions:
I. Some diagonals are polygons.
II. All diagonals are decagons.
III. No polygon is a cone.
IV. Some cubes are angles.

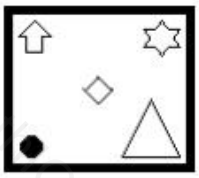
Ans
✗ 1. Both conclusions II and IV follow
✓ 2. Both conclusions I and III follow
✗ 3. Both conclusions I and II follow
✗ 4. Only conclusion I follows

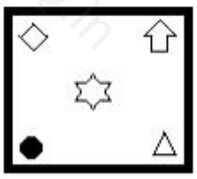
Question ID : **81616113020**
Status : **Marked For Review**
Chosen Option : **2**

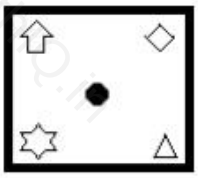
Q.3 Select the figure from among the given options that can replace the question mark (?) in the following series.

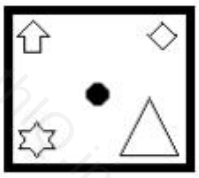


Ans

✗ 1.


✗ 2.


✓ 3.


✗ 4.


Question ID : **81616113836**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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

Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.

Question ID : **81616113334**
Status : **Marked For Review**
Chosen Option : **2**

Q.5 A cube is made by folding the given sheet. In the cube so formed, what would be the symbol on the opposite side of the # symbol?

Ans

✗ 1. $

✗ 2. +

✓ 3. &

✗ 4. %

Question ID : **81616113939**
Status : **Answered**
Chosen Option : **3**

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

24, 35, 51, 73, 102, ?

Ans

✓ 1. 139

✗ 2. 151

✗ 3. 131

✗ 4. 149

Question ID : **81616113829**
Status : **Answered**
Chosen Option : **1**

Q.7 **Select the option that is related to the third number in the same way as the second number is related to the first number.**

12 : 60 :: 16 : ?

Ans

✗ 1. 121

✗ 2. 210

✓ 3. 112

✗ 4. 201

Question ID : **81616113022**
Status : **Answered**
Chosen Option : **3**

Q.8 **Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.**

1. Freeze
2. Freedom
3. Fryer
4. Frozen
5. Fraud
6. Fringe

Ans

✗ 1. 5, 6, 2, 1, 4, 3

✗ 2. 5, 1, 2, 6, 4, 3

✗ 3. 5, 2, 1, 6, 3, 4

✓ 4. 5, 2, 1, 6, 4, 3

Question ID : **81616113819**
Status : **Answered**
Chosen Option : **4**

Q.9 **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. FBXT
- ✗ 2. TPLH
- ✗ 3. CYUQ
- ✓ 4. NJFA

Question ID : **81616113820**
Status : **Answered**
Chosen Option : **4**

Q.10 **P, L, T, B, N and D are six members of a business family. N is the son of B, who is not the mother of N. L is the brother of B. D and B are a married couple. T is the daughter of D, who is the sister of P. How is N related to T?**

Ans
- ✗ 1. Sister
- ✗ 2. Mother
- ✗ 3. Father
- ✓ 4. Brother

Question ID : **81616113322**
Status : **Answered**
Chosen Option : **4**

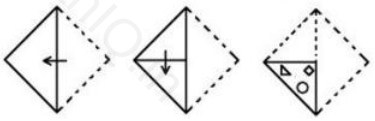
Q.11 **Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.**

42 * 7 * 64 * 11 * 6 *4

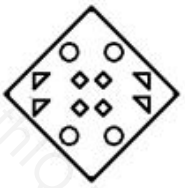
Ans
- ✓ 1. ÷, +, –, ×, =
- ✗ 2. ×, +, –, ÷, =
- ✗ 3. ÷, –, +, ×, =
- ✗ 4. ×, –, +, ÷, =

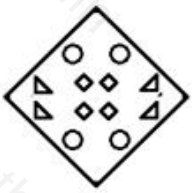
Question ID : **81616113935**
Status : **Answered**
Chosen Option : **1**

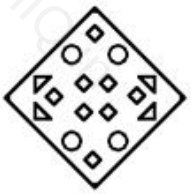
Q.12 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

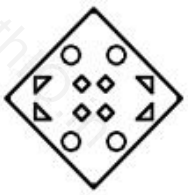


Ans

✗ 1. 

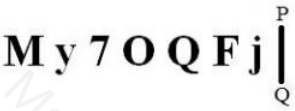
✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **81616113336**
Status : **Answered**
Chosen Option : **4**

Q.13 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.



Ans

✓ 1.

✗ 2.

✗ 3.

✗ 4.

Question ID : **81616113335**
Status : **Answered**
Chosen Option : **1**

Q.14 **Out of the total number of players, 100/3 % are in hotel X and the remaining are in hotel Y. If 20 players from hotel Y are shifted to hotel X, then the number of players in hotel X becomes 50% of the total number of players. If 20 players from hotel X are shifted to hotel Y, then the number of players in hotel X becomes what per cent of the total number of players?**

Ans
✔ 1. 16.67%
✘ 2. 20.67%
✘ 3. 12.75%
✘ 4. 26.34%

Question ID : **81616113330**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

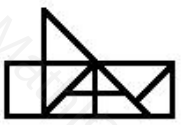
Q.15 **Select the option that is related to the third word in the same way as the second word is related to the first word.**

Depression : Mood :: Insomnia : ?

Ans
✘ 1. Dreams
✘ 2. Night
✘ 3. Thinking
✔ 4. Sleep

Question ID : **81616113822**
Status : **Answered**
Chosen Option : **4**

Q.16 How many triangles are there in the given figure?



Ans
✘ 1. 10
✘ 2. 12
✔ 3. 11
✘ 4. 13

Question ID : **81616113938**
Status : **Marked For Review**
Chosen Option : **3**

Q.17 **Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.**

PNNA, RPPE, TRRI, VTTO, ?

Ans
✘ 1. YVVU
✘ 2. XWWU
✘ 3. YUUV
✔ 4. XVVU

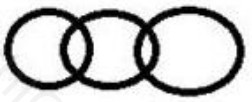
Question ID : **81616113313**
Status : **Answered**
Chosen Option : **4**

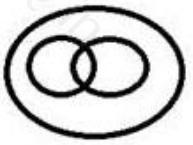
Q.18 Select the Venn diagram that best illustrates the relationship among the following classes.

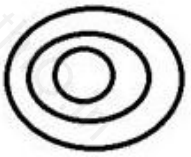
Women, Researchers, Introverts

Ans

✔ 1.

✘ 2. 

✘ 3. 

✘ 4. 

Question ID : **81616113034**
Status : **Answered**
Chosen Option : **1**

Q.19 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

4 7 6
15 ? 21
44 68 60

Ans

✘ 1. 18

✘ 2. 20

✔ 3. 24

✘ 4. 19

Question ID : **81616113024**
Status : **Answered**
Chosen Option : **3**

Q.20 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. 12 : 156

✘ 2. 18 : 342

✔ 3. 17 : 307

✘ 4. 14 : 210

Question ID : **81616113932**
Status : **Answered**
Chosen Option : **3**

Q.21 **Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.**

L_UA_Z_N_AP_L_U_PZ

Ans
✗ 1. N, L, P, A, N, U, Z
✓ 2. N, P, L, U, Z, N, A
✗ 3. P, L, U, Z, N, A, N
✗ 4. P, N, L, Z, U, A, N

Question ID : **81616113321**
Status : **Answered**
Chosen Option : **2**

Q.22 **In a certain code language, 'AROUND' is coded as '52182412144' and 'FIX' is coded as '63624'. How will 'PLASTIC' be coded in that language?**

Ans
✗ 1. 1612522021363
✗ 2. 1612261920183
✗ 3. 1812521920383
✓ 4. 1612521920363

Question ID : **81616113926**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.23 **Select the option in which the numbers are related in the same way as are the numbers of the following set.**

(25, 18, 225)

Ans
✓ 1. (24, 22, 264)
✗ 2. (17, 15, 220)
✗ 3. (9, 16, 170)
✗ 4. (15, 34, 190)

Question ID : **81616113934**
Status : **Answered**
Chosen Option : **1**

Q.24 **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. Intelligence
✗ 2. Aptitude
✓ 3. Weight
✗ 4. Memory

Question ID : **81616113922**
Status : **Answered**
Chosen Option : **3**

Q.25 **In a certain code language, 'PERMIT' is written as 'VVLNOG'. How will 'INERTIA' be written in that language?**

Ans
✔ 1. OMYIZRU
✘ 2. XOYHCZU
✘ 3. XYOHBCU
✘ 4. OHYXZCU

Question ID : **81616113016**
Status : **Marked For Review**
Chosen Option : **1**

Section : **General Awareness**

Q.1 **Which of the following statements about Swami Dayanand Saraswati is INCORRECT?**

Ans
✘ 1. His birthplace was Gujarat.
✘ 2. He authored the book 'Satyarth Prakash'.
✔ 3. He was the founder of Brahmo Samaj.
✘ 4. He was the founder of Arya Samaj.

Question ID : **81616113957**
Status : **Answered**
Chosen Option : **3**

Q.2 **Who among the following is a Padma Vibhushan awardee of 2021?**

Ans
✘ 1. Tarlochan Singh
✘ 2. Mouma Das
✔ 3. Sudarshan Sahoo
✘ 4. Sumitra Mahajan

Question ID : **81616113859**
Status : **Marked For Review**
Chosen Option : **3**

Q.3 **Who among the following was one of the founders of the Hindustan Republic Association?**

Ans
✔ 1. Ram Prasad Bismil
✘ 2. Lala Lajpat Rai
✘ 3. Jatindranath Mukherjee
✘ 4. Surya Sen

Question ID : **81616113352**
Status : **Marked For Review**
Chosen Option : **4**

Q.4 **In which of the following years was the Second Round Table Conference in London held?**

Ans
✘ 1. 1925
✘ 2. 1939
✔ 3. 1931
✘ 4. 1941

Question ID : **81616113047**
Status : **Answered**
Chosen Option : **3**

Q.5 In which of the following years was the Planning Commission of India set up?

Ans
1. 1962 ✗
2. 1950 ✓
3. 1958 ✗
4. 1945 ✗

Question ID : **81616113357**
Status : **Answered**
Chosen Option : **2**

Q.6 As per the Union Budget of 2021-22, how many regional national institutes of virology will be set up?

Ans
1. Four ✓
2. Two ✗
3. Three ✗
4. Six ✗

Question ID : **81616113947**
Status : **Marked For Review**
Chosen Option : **4**

Q.7 Electron-volt is a unit of _____.

Ans
1. energy ✓
2. power ✗
3. current ✗
4. potential difference ✗

Question ID : **81616113950**
Status : **Answered**
Chosen Option : **1**

Q.8 Who among the following was elected as the President of Veterinary Council of India in January 2021?

Ans
1. KK Verma ✗
2. Dipankar Seth ✗
3. Umesh Sharma ✓
4. Rajeev Arora ✗

Question ID : **81616113361**
Status : **Marked For Review**
Chosen Option : **3**

Q.9 Which of the following places is famous for a copper mine?

Ans
1. Gaya ✗
2. Keonjhar ✗
3. Khetri ✓
4. Satna ✗

Question ID : **81616113854**
Status : **Answered**
Chosen Option : **3**

Q.10 _____ is the structural and functional unit of kidney.

Ans
- ✗ 1. Medulla
- ✗ 2. Ureter
- ✗ 3. Cortex
- ✓ 4. Nephron

Question ID : **81616113042**
Status : **Answered**
Chosen Option : **4**

Q.11 Unique Transaction Reference number is a _____ character code used to uniquely identify a transaction in the RTGS system.

Ans
- ✗ 1. 45
- ✓ 2. 22
- ✗ 3. 34
- ✗ 4. 17

Question ID : **81616113340**
Status : **Marked For Review**
Chosen Option : **4**

Q.12 Gurdwara Patalpuri Sahib is located on the bank of river _____.

Ans
- ✗ 1. Ganga
- ✗ 2. Beas
- ✗ 3. Yamuna
- ✓ 4. Sutlej

Question ID : **81616113945**
Status : **Marked For Review**
Chosen Option : **4**

Q.13 Who among the following won the '3rd Rabindranath Tagore Literary Prize' for his novel 'The City and The Sea' in December 2020?

Ans
- ✗ 1. Shekhar Gupta
- ✗ 2. Rajdeep Sardesai
- ✗ 3. Siddhartha Sarma
- ✓ 4. Raj Kamal Jha

Question ID : **81616113355**
Status : **Marked For Review**
Chosen Option : **4**

Q.14 Which of the following has the same dimension as that of linear momentum?

Ans
- ✗ 1. Work
- ✗ 2. Energy
- ✓ 3. Impulse
- ✗ 4. Stress

Question ID : **81616113848**
Status : **Answered**
Chosen Option : **3**

Q.15 In December 2020, the Ministry of Home Affairs declared the entire State of _____ as a 'disturbed area' for six more months under the Armed Forces (Special Powers) Act, 1958 (AFSPA).

Ans
✗ 1. Punjab
✗ 2. Jharkhand
✓ 3. Nagaland
✗ 4. West Bengal

Question ID : **81616113867**
Status : **Answered**
Chosen Option : **3**

Q.16 For which of the following franchise teams did AB de Villiers play in IPL 2020?

Ans
✗ 1. Delhi Capitals
✗ 2. Kolkata Knight Riders
✗ 3. Mumbai Indians
✓ 4. Royal Challengers Bangalore

Question ID : **81616113863**
Status : **Answered**
Chosen Option : **4**

Q.17 In Leh, the first ever ice climbing festival was celebrated in _____ valley in January 2021.

Ans
✗ 1. Dras
✗ 2. Ripchar
✗ 3. Markha
✓ 4. Nubra

Question ID : **81616113035**
Status : **Answered**
Chosen Option : **4**

Q.18 Which of the following is a process in which hot, less dense materials rise upward and are replaced by colder, more dense materials?

Ans
✗ 1. Conduction
✗ 2. Radiation
✗ 3. Condensation
✓ 4. Convection

Question ID : **81616113346**
Status : **Answered**
Chosen Option : **4**

Q.19 Baghmara Pitcher Plant Sanctuary is located in which of the following states?

Ans
✗ 1. Assam
✗ 2. Goa
✗ 3. Karnataka
✓ 4. Meghalaya

Question ID : **81616113348**
Status : **Marked For Review**
Chosen Option : **1**

Q.20 Who among the following replaced Morarji Desai as the Prime Minister of India in 1979?

Ans
✗ 1. Chandrasekhar
✗ 2. Jagjivan Ram
✓ 3. Charan Singh
✗ 4. Devi Lal

Question ID : **81616113962**
Status : **Marked For Review**
Chosen Option : **3**

Q.21 Which of the following schemes is aimed at helping accelerate the uptake of broadband internet services?

Ans
✗ 1. PM-INTERNET
✓ 2. PM-WANI
✗ 3. PM-DHWANI
✗ 4. PM-VAARTA

Question ID : **81616113865**
Status : **Answered**
Chosen Option : **2**

Q.22 Which of the following is the application of sciences such as physics, chemistry, biology, computer science and engineering to matters of law and to the identification of various facts of civilian investigation?

Ans
✗ 1. Kalology
✗ 2. Morphology
✓ 3. Forensic science
✗ 4. Psychology

Question ID : **81616113039**
Status : **Answered**
Chosen Option : **3**

Q.23 Who won the Toyota Thailand Open Women's Singles Title in Bangkok in January 2021?

Ans
✗ 1. Tai Tzu-ying
✗ 2. Ashwini Ponnappa
✓ 3. Carolina Marin
✗ 4. PV Sindhu

Question ID : **81616113056**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.24 Which of the following is NOT a town/city on the west coast of India?

Ans
✗ 1. Karwar
✓ 2. Gopalpur
✗ 3. Mangalore
✗ 4. Surat

Question ID : **81616113953**
Status : **Marked For Review**
Chosen Option : **2**

Q.25 **Who among the following had written Kitab-ul-Hind that gave an incisive description of early 11th Century India?**

Ans
✗ 1. Al-Khwarizmi
✓ 2. Al-Biruni
✗ 3. Al-Kindi
✗ 4. Al-Bukhari

Question ID : **81616113050**
Status : **Answered**
Chosen Option : **2**

Section : **Quantitative Aptitude**

Q.1 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

The ratio of the total number of cars sold by dealer B in January, April and June to the total number of cars sold by dealers A and D in March is:

Ans
✗ 1. $8:9$
✓ 2. $4:3$
✗ 3. $10:9$
✗ 4. $7:5$

Question ID : **81616114192**
Status : **Answered**
Chosen Option : **2**

Q.2 Let $\Delta ABC \sim \Delta PQR$ and $\frac{ar(\Delta ABC)}{ar(\Delta QPR)} = \frac{144}{49}$. If AB = 12 cm, BC = 7 cm and AC = 9 cm, then PR (in cm) is equal to:

Ans
✗ 1. $\frac{49}{12}$
✗ 2. $\frac{108}{7}$
✓ 3. $\frac{21}{4}$
✗ 4. 12

Question ID : **81616113380**
Status : **Answered**
Chosen Option : **1**

Q.3 If $\frac{\cos^2\theta}{\cot^2\theta+\sin^2\theta-1} = 3,\ 0° < \theta < 90°$, then the value of $(\tan\theta + \operatorname{cosec}\theta)$ is:

Ans

✔ 1. $\frac{5\sqrt{3}}{3}$

✘ 2. $3\sqrt{3}$

✘ 3. $2\sqrt{3}$

✘ 4. $\frac{4\sqrt{3}}{3}$

Question ID : **81616113987**
Status : **Marked For Review**
Chosen Option : **1**

Q.4 If $8(x+y)^3 - 27(x-y)^3 = (5y-x)(Ax^2+By^2+Cxy)$, then what is the value of (A + B - C)?

Ans

✘ 1. 16

✔ 2. 36

✘ 3. -26

✘ 4. -16

Question ID : **81616113072**
Status : **Answered**
Chosen Option : **2**

Q.5 If $x + y = 4$ and $\frac{1}{x} + \frac{1}{y} = \frac{16}{15}$, then what is the value of $(x^3 + y^3)$?

Ans

✘ 1. 18

✘ 2. 16

✔ 3. 19

✘ 4. 21

Question ID : **81616113879**
Status : **Answered**
Chosen Option : **3**

Q.6 $\triangle ABC \sim \triangle PQR$. The areas of $\triangle ABC$ and $\triangle PQR$ are $64\ cm^2$ and $81\ cm^2$, respectively and AD and PT are the medians of $\triangle ABC$ and $\triangle PQR$, respectively. If $PT = 10.8\ cm$, then $AD = ?$

Ans

✘ 1. $8.4\ cm$

✘ 2. $9\ cm$

✔ 3. $9.6\ cm$

✘ 4. $12\ cm$

Question ID : **81616113884**
Status : **Answered**
Chosen Option : **3**

Q.7 A chord 21 cm long is drawn in a circle of diameter 25 cm. The perpendicular distance of the chord from the centre is:

Ans

✗ 1. $\sqrt{41}$

✗ 2. $\sqrt{23}$

✗ 3. $\sqrt{56}$

✓ 4. $\sqrt{46}$

Question ID : **81616113377**
Status : **Answered**
Chosen Option : **4**

Q.8 Study the table and answer the question.

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

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

What is the ratio of the number of male teachers to the number of female teachers in the city?

Ans

✗ 1. 586 : 849

✓ 2. 391 : 566

✗ 3. 78 : 113

✗ 4. 195 : 283

Question ID : **81616112677**
Status : **Answered**
Chosen Option : **4**

Q.9 X, Y are two points in a river. Points P and Q divide the straight line XY into three equal parts. The river flows along XY and the time taken by a boat to row from X to Q and from Y to Q are in the ratio 4 : 5. The ratio of the speed of the boat downstream to that of the river current is equal to:

Ans

✗ 1. 3 : 10

✓ 2. 10 : 3

✗ 3. 3 : 4

✗ 4. 4 : 3

Question ID : **81616113069**
Status : **Answered**
Chosen Option : **2**

Q.10 When x is subtracted from each of 19, 28, 55 and 91, the numbers so obtained in this order are in proportion. What is the value of x?

Ans
✗ 1. 8
✓ 2. 7
✗ 3. 9
✗ 4. 5

Question ID : **81616113066**
Status : **Answered**
Chosen Option : **2**

Q.11 $\frac{\operatorname{cosec}\theta}{\operatorname{cosec}\theta-1}+\frac{\operatorname{cosec}\theta}{\operatorname{cosec}\theta+1}-\tan^2\theta,\ 0^\circ<\theta<90^\circ,$ is equal to:

Ans
✓ 1. $\sec^2\theta+1$
✗ 2. $\sec^2\theta$
✗ 3. $2\sec^2\theta$
✗ 4. $1-\tan^2\theta$

Question ID : **81616114090**
Status : **Answered**
Chosen Option : **1**

Q.12 The income of A is 45% more than the income of B and the income of C is 60% less than the sum of the incomes of A and B. The income of D is 20% more than that of C. If the difference between the incomes of B and D is ₹13200, then the income (in ₹) of C is:

Ans
✗ 1. 72000
✗ 2. 72500
✓ 3. 73500
✗ 4. 75000

Question ID : **81616113973**
Status : **Answered**
Chosen Option : **3**

Q.13 Length of each side of a rhombus is 13 cm and one of the diagonal is 24 cm. What is the area (in cm^2) of the rhombus?

Ans
✓ 1. 120
✗ 2. 300
✗ 3. 60
✗ 4. 240

Question ID : **81616113373**
Status : **Answered**
Chosen Option : **1**

Q.14 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

In July 2018, if the sales of cars by the dealer D increases by the same percentage as in June 2018 over its previous month, then what is the number of cars sold by D in July 2018?

Ans

✗ 1. 1020

✗ 2. 959

✓ 3. 1014

✗ 4. 975

Question ID : **81616114194**
Status : **Answered**
Chosen Option : **3**

Q.15 Sides AB and DC of a cyclic quadrilateral ABCD are produced to meet at E and sides AD and BC are produced to meet at F. If $\angle ADC = 78°$ and $\angle BEC = 52°$, then the measure of $\angle AFB$ is:

Ans

✓ 1. 28°

✗ 2. 26°

✗ 3. 32°

✗ 4. 30°

Question ID : **81616113984**
Status : **Answered**
Chosen Option : **1**

Q.16 Study the table and answer the question.

In the table, production and 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) sale is more than 90% of the production?

Ans

✗ 1. 2015, 2017, 2019

✗ 2. 2017, 2018

✗ 3. 2016, 2017

✓ 4. 2016, 2018

Question ID : **81616112679**
Status : **Answered**
Chosen Option : **4**

Q.17 Find the value of $cot\,25°\,cot\,35°\,cot\,45°\,cot\,55°\,cot\,65°$.

Ans

✗ 1. $\frac{1}{\sqrt{3}}$

✗ 2. $\sqrt{3}$

✗ 3. $\frac{\sqrt{3}}{2}$

✓ 4. 1

Question ID : **81616112777**
Status : **Answered**
Chosen Option : **4**

Q.18 Some fruits are bought at 15 for ₹140 and an equal number of fruits at 10 for ₹120. If all the fruits are sold at ₹132 per dozen, then what is the profit percent in the entire transaction?

Ans

✓ 1. $3\frac{1}{8}$

✗ 2. $4\frac{1}{2}$

✗ 3. $2\frac{1}{4}$

✗ 4. 3

Question ID : **81616113873**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.19 What is the compound interest (in ₹) on a sum of ₹8192 for $1\frac{1}{4}$ years at 15% per annum, if interest is compounded 5- monthly?

Ans

✓ 1. 1634

✗ 2. 1740

✗ 3. 1735

✗ 4. 1640

Question ID : **81616113976**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.20 To do a certain work, A and B work on alternate days with B beginning the work on the first day. A alone can complete the same work in 24 days. If the work gets completed in $11\frac{1}{3}$ days, then B alone can complete $\frac{7}{9}$th part of the original work in:

Ans

✗ 1. $4\frac{1}{2}$ days

✓ 2. 6 days

✗ 3. $5\frac{1}{2}$ days

✗ 4. 4 days

Question ID : **81616113977**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.21 If $x + \frac{1}{x} = 4$, then the value of $x^5 + \frac{1}{x^5}$ is:

Ans
- ✗ 1. 776
- ✗ 2. 684
- ✓ 3. 724
- ✗ 4. 736

Question ID : **81616113982**
Status : **Answered**
Chosen Option : **3**

Q.22 The average of 28 numbers is 77. The average of first 14 numbers is 74 and the average of last 15 numbers is 84. If the 14th number is excluded, then what is the average of remaining numbers? (correct to one decimal places)

Ans
- ✗ 1. 76.9
- ✗ 2. 77
- ✗ 3. 73.1
- ✓ 4. 74.7

Question ID : **81616113365**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.23 The value of $20 \div 5\ of\ 8 \times [9 \div 6 \times (6 - 3)] - (10 \div 2\ of\ 20)$ is:

Ans
- ✗ 1. 1
- ✓ 2. 2
- ✗ 3. 0
- ✗ 4. 6

Question ID : **81616113869**
Status : **Answered**
Chosen Option : **2**

Q.24 If the 5-digit number $676xy$ is divisible by 3, 7 and 11, then what is the value of $(3x - 5y)$?

Ans
- ✗ 1. 10
- ✗ 2. 11
- ✓ 3. 9
- ✗ 4. 7

Question ID : **81616113969**
Status : **Not Answered**
Chosen Option : **--**

Q.25 A shopkeeper earns a profit of 21% after selling a book at 21% discount on the printed price. The ratio of the cost price and selling price of the book is:

Ans
✗ 1. 79 : 100
✗ 2. 100 : 79
✗ 3. 121 : 100
✓ 4. 100 : 121

Question ID : **81616113063**
Status : **Answered**
Chosen Option : **4**

Section : **English Comprehension**

Q.1 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

While washing your hands, rub them together for 20 seconds to remove <u>the microbes on them</u>.

Ans
✗ 1. the microbes on those
✗ 2. the microbes on they
✗ 3. the microbes on their
✓ 4. No substitution

Question ID : **81616113393**
Status : **Marked For Review**
Chosen Option : **4**

Q.2 Select the option that expresses the given sentence in passive voice.

The invigilator is advising the students not to carry calculators into the examination hall.

Ans
✗ 1. The students were advised not to carry calculators into the examination hall.
✓ 2. The students are being advised by the invigilator not to carry calculators into the examination hall.
✗ 3. The students have been advised not to carry calculators into the examination hall by the invigilator.
✗ 4. The students were advised the invigilator not to carry calculators into the examination hall.

Question ID : **81616113996**
Status : **Answered**
Chosen Option : **2**

Q.3 Select the INCORRECTLY spelt word.

Ans
✓ 1. Voilence
✗ 2. Exterminated
✗ 3. Wildernesses
✗ 4. Unmanageable

Question ID : **81616113916**
Status : **Marked For Review**
Chosen Option : **4**

Q.4 **Select the option that expresses the given sentence in indirect speech.**

"Everything is going to be alright," said the doctor.

Ans
✗ 1. The doctor said that everything is going to be alright.
✗ 2. The doctor said that everything are going to be alright.
✓ 3. The doctor said that everything was going to be alright.
✗ 4. The doctor said that everything will be alright.

Question ID : **81616113391**
Status : **Answered**
Chosen Option : **3**

Q.5 **Select the option that can be used as a one-word substitute for the given group of words.**

A herd or flock of animals being driven in a body

Ans
✓ 1. Drove
✗ 2. Crowd
✗ 3. Cluster
✗ 4. Throng

Question ID : **81616114015**
Status : **Marked For Review**
Chosen Option : **3**

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

Gradual

Ans
✗ 1. Gentle
✓ 2. Abrupt
✗ 3. Regular
✗ 4. Slow

Question ID : **81616113102**
Status : **Answered**
Chosen Option : **2**

Q.7 **Select the most appropriate option to fill in the blank.**

India is formally moving ahead to _____ 21 MIG-29 and 12 Sukhoi-30MKI fighters from Russia along with upgrades of their existing fleets.

Ans
✗ 1. advance
✗ 2. accomplish
✗ 3. achieve
✓ 4. procure

Question ID : **81616113413**
Status : **Marked For Review**
Chosen Option : **3**

Q.8 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**

Had you / not reached in time, / we will have / lost our lives.

Ans
✗ 1. not reached in time
✗ 2. Had you
✗ 3. lost our lives
✓ 4. we will have

Question ID : **81616113085**
Status : **Answered**
Chosen Option : **4**

Q.9 **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.**

You must avoid riding in a crowded bus / or travelling in a metro / during rush hour / as both are quiet unpleasant experiences.

Ans
✗ 1. during rush hour
✗ 2. or travelling in a metro
✗ 3. You must avoid riding in a crowded bus
✓ 4. as both are quiet unpleasant experiences

Question ID : **81616113995**
Status : **Answered**
Chosen Option : **4**

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

Bang for the buck

Ans
✓ 1. More value for money
✗ 2. Less value for money
✗ 3. A sorrowful heart
✗ 4. Dash against something

Question ID : **81616113104**
Status : **Marked For Review**
Chosen Option : **2**

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. But the eagle, in wrath, gave the beetle a flap of his wing, and straightaway seized upon the hare and devoured him.
B. The beetle therefore interceded with the eagle, begging of him not to kill the poor suppliant, and pleaded with him not to kill so small an animal.
C. When the eagle flew away, the beetle flew after him, to learn where his nest was.
D. A hare, being pursued by an eagle, took himself for refuge to the nest of a beetle, whom he begged to save him.

Ans
✗ 1. CBAD
✓ 2. DBAC
✗ 3. DCAB
✗ 4. ACDB

Question ID : **81616113905**
Status : **Marked For Review**
Chosen Option : **2**

Q.12 Select the most appropriate meaning of the given idiom.

Raise the bar

Ans
- ✗ 1. To grow taller
- ✗ 2. To win a competition
- ✗ 3. To raise the price
- ✓ 4. To set higher goals

Question ID : **81616113103**
Status : **Marked For Review**
Chosen Option : **4**

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

A group of three novels or plays, each complete in itself

Ans
- ✗ 1. Triplet
- ✗ 2. Trivet
- ✗ 3. Triumvir
- ✓ 4. Trilogy

Question ID : **81616114014**
Status : **Marked For Review**
Chosen Option : **2**

Q.14 Select the most appropriate option to fill in the blank.

Work and domestic _____ made Kajal short-tempered.

Ans
- ✗ 1. weights
- ✗ 2. gravities
- ✓ 3. pressures
- ✗ 4. forces

Question ID : **81616114018**
Status : **Answered**
Chosen Option : **3**

Q.15 Select the most appropriate synonym of the given word.

Regime

Ans
- ✗ 1. Country
- ✗ 2. Space
- ✗ 3. Territory
- ✓ 4. Rule

Question ID : **81616113402**
Status : **Answered**
Chosen Option : **4**

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. When we got near, we saw it was the steam rising from hot springs.
B. We saw in the distance a great column of smoke.
C. We wondered if it came from a chimney or a burning house.
D. We thought of taking a bath in the hot water.

Ans
✗ 1. ACDB
✗ 2. ABCD
✓ 3. BCAD
✗ 4. BCDA

Question ID : **81616113098**
Status : **Answered**
Chosen Option : **3**

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

The toy drummer <u>plays the drum if you press</u> the button at the back.

Ans
✓ 1. No substitution
✗ 2. will play the drum if you will press
✗ 3. playing the drum if you pressed
✗ 4. played the drum if you are pressing

Question ID : **81616113998**
Status : **Marked For Review**
Chosen Option : **1**

Q.18 **Select the most appropriate synonym of the given word.**

Generic

Ans
✗ 1. Definite
✗ 2. Specific
✗ 3. Precise
✓ 4. Universal

Question ID : **81616113403**
Status : **Marked For Review**
Chosen Option : **4**

Q.19 **Select the INCORRECTLY spelt word.**

Ans
✗ 1. Creature
✗ 2. Specified
✗ 3. Decrease
✓ 4. Pieceful

Question ID : **81616113915**
Status : **Answered**
Chosen Option : **4**

Q.20 Select the most appropriate ANTONYM of the given word.

Seize

Ans
✗ 1. Grab
✓ 2. Loosen
✗ 3. Snatch
✗ 4. Catch

Question ID : **81616113909**
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.

What every tourist must take back from Bhutan is pure honey, especially Putka, "Antibiotic" honey produced (1)_____ Melipona Bees (stingless bees) a breed found in protected areas (2)_____ 700 to 1,500 metres above sea level. Due (3)_____ their small size, they can get larger nutrients (4)_____ regular honeybees. It has a tangy/sour taste and can (5)_____ your sore throat in a matter of minutes.

SubQuestion No : 21

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

Ans
✗ 1. through
✗ 2. with
✗ 3. of
✓ 4. by

Question ID : **81616113900**
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.

What every tourist must take back from Bhutan is pure honey, especially Putka, "Antibiotic" honey produced (1)_____ Melipona Bees (stingless bees) a breed found in protected areas (2)_____ 700 to 1,500 metres above sea level. Due (3)_____ their small size, they can get larger nutrients (4)_____ regular honeybees. It has a tangy/sour taste and can (5)_____ your sore throat in a matter of minutes.

SubQuestion No : 22

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

Ans
✓ 1. between
✗ 2. after
✗ 3. midst
✗ 4. among

Question ID : **81616113901**
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.

What every tourist must take back from Bhutan is pure honey, especially Putka, “Antibiotic” honey produced (1)_____ Melipona Bees (stingless bees) a breed found in protected areas (2)_____ 700 to 1,500 metres above sea level. Due (3)_____ their small size, they can get larger nutrients (4)_____ regular honeybees. It has a tangy/sour taste and can (5)_____ your sore throat in a matter of minutes.

SubQuestion No : 23

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

Ans
✔ 1. to
✘ 2. for
✘ 3. of
✘ 4. at

Question ID : **81616113902**
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.

What every tourist must take back from Bhutan is pure honey, especially Putka, “Antibiotic” honey produced (1)_____ Melipona Bees (stingless bees) a breed found in protected areas (2)_____ 700 to 1,500 metres above sea level. Due (3)_____ their small size, they can get larger nutrients (4)_____ regular honeybees. It has a tangy/sour taste and can (5)_____ your sore throat in a matter of minutes.

SubQuestion No : 24

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

Ans
✘ 1. then
✘ 2. though
✔ 3. than
✘ 4. and

Question ID : **81616113903**
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.

What every tourist must take back from Bhutan is pure honey, especially Putka, “Antibiotic” honey produced (1)_____ Melipona Bees (stingless bees) a breed found in protected areas (2)_____ 700 to 1,500 metres above sea level. Due (3)_____ their small size, they can get larger nutrients (4)_____ regular honeybees. It has a tangy/sour taste and can (5)_____ your sore throat in a matter of minutes.

SubQuestion No : 25

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

Ans
✔ 1. soothe
✘ 2. pacify
✘ 3. appease
✘ 4. calm

Question ID : **81616113904**
Status : **Marked For Review**
Chosen Option : **1**