

Combined Graduate Level Examination 2020 Tier-I

Roll Number	www.exammix.com
Candidate Name	
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Exam Date	18/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : General Intelligence and Reasoning

Q.1 A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of letters would be opposite to each other?



- Ans** ☒ 1. D and F
☒ 2. A and D
☒ 3. E and B
☒ 4. E and C

Question ID : 81616114141

Status : Answered

Chosen Option : 1

Q.2 How many triangles are there in the given figure?



- Ans** ☒ 1. 13
☒ 2. 11
☒ 3. 14
☒ 4. 12

Question ID : 81616114140

Status : Answered

Chosen Option : 4

Q.3 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

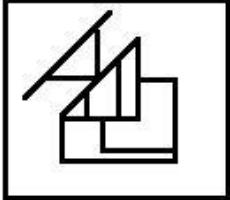


Ans

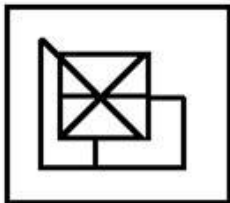
✓ 1.



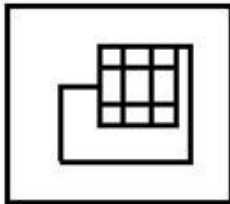
✗ 2.



✗ 3.



✗ 4.

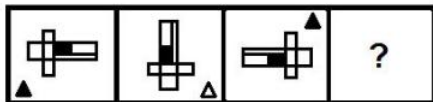


Question ID : 81616113233

Status : Answered

Chosen Option : 4

Q.4 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans

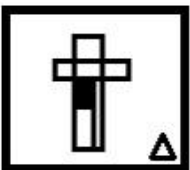
✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 81616113735

Status : Answered

Chosen Option : 1

Q.5 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(7, 9, 252)

Ans ✗ 1. (6, 9, 188)

✗ 2. (12, 10, 260)

✓ 3. (8, 11, 352)

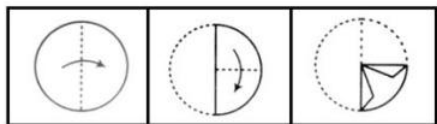
✗ 4. (6, 8, 212)

Question ID : 81616114136

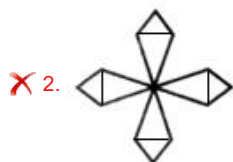
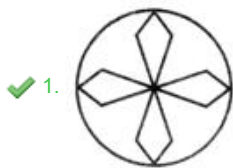
Status : Answered

Chosen Option : 3

Q.6 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



Ans



Question ID : 81616113235

Status : Answered

Chosen Option : 1

Q.7 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

r_ uktrj_ kt_ juk_rju_trj_ kt

Ans ✗ 1. j, r, u, k, t, u

✗ 2. j, r, u, t, u, k

✓ 3. j, u, r, t, k, u

✗ 4. u, j, r, t, j, u

Question ID : 81616113220

Status : Answered

Chosen Option : 3

Q.8 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

INTENSIVE
P
Q

- Ans
- ☒ 1. INTENSIVE
 - ☒ 2. EVINSENI
 - ☒ 3. EVINSENI
 - ☒ 4. INTENSIVE

Question ID : 81616113234

Status : Answered

Chosen Option : 3

Q.9 In a certain code language, 'YOU TOOK MY PLACE IN' is written as 'COU POON LC QVAKE IJ'. How will 'COMPILE' be written in that language?

- Ans
- ☒ 1. KOLQIVE
 - ☒ 2. KOLTYLE
 - ☒ 3. KOLQIME
 - ☒ 4. YOLTILE

Question ID : 81616112208

Status : Not Answered

Chosen Option : --

Q.10 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Recreation
2. Recede
3. Recorder
4. Recliner
5. Reconcile
6. Recognition

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

Question ID : 81616113718

Status : Answered

Chosen Option : 3

Q.11 The total of three numbers is 240. The second number is four times the first number. The third number is three times the first number. What will be the average of the three numbers?

- Ans
- ☒ 1. 80
 - ☒ 2. 70
 - ☒ 3. 50
 - ☒ 4. 60

Question ID : 81616113229

Status : Answered

Chosen Option : 1

Q.12 Select the option in which the words share the same relationship as that shared by the given pair of words.

Swan : Cygnet

- Ans ☒ 1. Fish : Cub
☒ 2. Whale : Fry
☒ 3. Turkey : Poult
☒ 4. Deer : Joey

Question ID : 81616113217

Status : Not Answered

Chosen Option : --

Q.13 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.

$14 * 7 * 39 * 133 * 19 * 130$

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

Question ID : 81616114137

Status : Answered

Chosen Option : 2

Q.14 In a certain code language, 'FORENSIC' is coded as '61218221419183' and 'DORM' is coded as '4121813'. How will 'CARMEL' be coded in that language?

- Ans ☒ 1. 3261826132212
☒ 2. 3260926130512
☒ 3. 3011801132212
☒ 4. 3261826142212

Question ID : 81616114128

Status : Answered

Chosen Option : 1

Q.15 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:

Some bowls are cups.
All cups are glasses.
Some glasses are plates.
All plates are utensils.

Conclusions:

I. All bowls cannot be utensils.
II. All glasses cannot be utensils.

- Ans ☒ 1. Both the conclusions follow
☒ 2. Neither conclusion I nor II follows
☒ 3. Only conclusion II follows
☒ 4. Only conclusion I follows

Question ID : 81616112212

Status : Answered

Chosen Option : 1

Q.16 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. 253471 : 778
☒ 2. 324335 : 577
☒ 3. 406321 : 493
☒ 4. 111617 : 278

Question ID : 81616114134
Status : Not Answered
Chosen Option : --

Q.17 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. ZTOL
☒ 2. JDYU
☒ 3. OIDZ
☒ 4. AUPL

Question ID : 81616113719
Status : Answered
Chosen Option : 1

Q.18 Select the number from among the given options that can replace the question mark (?) in the following series.

17, 20, 80, 85, ?, 517

- Ans ☒ 1. 412
☒ 2. 213
☒ 3. 504
☒ 4. 510

Question ID : 81616113728
Status : Not Answered
Chosen Option : --

Q.19 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. Rickets
☒ 2. Hypertension
☒ 3. Gout
☒ 4. Arthritis

Question ID : 81616114124
Status : Answered
Chosen Option : 2

Q.20 वह विकल्प चुनें जो तीसरे शब्द से उसी प्रकार संबंधित है, जिस प्रकार दूसरा शब्द पहले शब्द से संबंधित है।

कंगाल : दौलतमंद :: प्रतिशोधी : ?

- Ans
- ☒ 1. मध्यमार्गी
 - ☒ 2. निर्भय
 - ☒ 3. विस्मरणशील
 - ☒ 4. क्षमाशील

Question ID : 81616113721

Status : Answered

Chosen Option : 4

Q.21 Ramesh is the father of Manideep. Ramesh has only two children. Manideep is the brother of Niharika. Niharika is the daughter of Kavita. Ananya is the granddaughter of Kavita. Sujit is the father of Ananya. How is Sujit related to Manideep?

- Ans
- ☒ 1. Son-in-law
 - ☒ 2. Brother-in-law
 - ☒ 3. Son
 - ☒ 4. Brother

Question ID : 81616113221

Status : Answered

Chosen Option : 2

Q.22 Select the option that is related to the third number in the same way as the second number is related to the first number.

39 : 27 :: 43 : ?

- Ans
- ☒ 1. 12
 - ☒ 2. 6
 - ☒ 3. 38
 - ☒ 4. 20

Question ID : 81616112214

Status : Answered

Chosen Option : 1

Q.23 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

3 5 7
23 27 31
69 135 ?

- Ans
- ☒ 1. 217
 - ☒ 2. 93
 - ☒ 3. 266
 - ☒ 4. 155

Question ID : 81616112216

Status : Answered

Chosen Option : 1

Q.24 Select the Venn diagram that best illustrates the relationship between the following classes.

Universe, Pluto, Solar system

Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 81616112226

Status : Answered

Chosen Option : 4

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

DOWN, CRRU, BUMB, AXHI, ?

Ans

✗ 1. ACPZ

✗ 2. CAPZ

✗ 3. APCZ

✓ 4. ZACP

Question ID : 81616113212

Status : Answered

Chosen Option : 4

Section : General Awareness

Q.1 _____ are thick deposits of glacial clay and other materials embedded with moraines.

Ans

✗ 1. Duns

✗ 2. Bhabars

✗ 3. Duars

✓ 4. Karewas

Question ID : 81616113753

Status : Not Answered

Chosen Option : --

Q.2 Rajnikant Devidas Shroff was awarded the Padma Bhushan in the field of _____ in January 2021.

Ans

✗ 1. science

✗ 2. art

✓ 3. trade and industry

✗ 4. politics

Question ID : 81616113254

Status : Not Answered

Chosen Option : --

Q.3 _____ is the external agency applied on a body to change its state of rest or uniform motion.

- Ans
- ☒ 1. Heat
 - ☒ 2. Power
 - ☒ 3. Energy
 - ☒ 4. Force

Question ID : 81616112231
Status : Answered
Chosen Option : 4

Q.4 Which of the following is NOT a storage root?

- Ans
- ☒ 1. Fusiform root
 - ☒ 2. Napiform root
 - ☒ 3. Breathing root
 - ☒ 4. Conical root

Question ID : 81616112234
Status : Not Answered
Chosen Option : --

Q.5 The colour of an emerald is generally _____.

- Ans
- ☒ 1. blue
 - ☒ 2. green
 - ☒ 3. yellow
 - ☒ 4. red

Question ID : 81616114155
Status : Not Answered
Chosen Option : --

Q.6 As of January 2021, who among the following is the Union Minister for Information and Broadcasting?

- Ans
- ☒ 1. Prakash Javadekar
 - ☒ 2. Ravi Shankar Prasad
 - ☒ 3. Smriti Irani
 - ☒ 4. Babul Supriyo

Question ID : 81616114164
Status : Marked For Review
Chosen Option : 4

Q.7 The 'Lezim' dance form is peculiar to which of the following states?

- Ans
- ☒ 1. Karnataka
 - ☒ 2. Gujarat
 - ☒ 3. Maharashtra
 - ☒ 4. Bihar

Question ID : 81616114147
Status : Marked For Review
Chosen Option : 1

Q.8 Who among the following received the 'Global GoalKeeper' Award in 2019?

- Ans ☒ 1. Abiy Ahmed
☒ 2. Nadia Murad
☒ 3. Narendra Modi
☒ 4. Elon Musk

Question ID : **81616113758**
Status : **Answered**
Chosen Option : **2**

Q.9 Chandragupta led a revolt against the _____ and overthrew them.

- Ans ☒ 1. Nandas
☒ 2. Kushanas
☒ 3. Shishunagas
☒ 4. Haryankas

Question ID : **81616112242**
Status : **Answered**
Chosen Option : **1**

Q.10 Sandalwood grows in which type of forests?

- Ans ☒ 1. Savanna forests
☒ 2. Tropical deciduous forests
☒ 3. Equatorial evergreen forests
☒ 4. Tropical rainforests

Question ID : **81616113247**
Status : **Answered**
Chosen Option : **3**

Q.11 In 2020, which of the following tiger reserves won the 'TX2 Award' for its efforts to increase the tiger population?

- Ans ☒ 1. Ranthambhore Tiger Reserve
☒ 2. Periyar Tiger Reserve
☒ 3. Pilibhit Tiger Reserve
☒ 4. Sariska Tiger Reserve

Question ID : **81616113764**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Who among the following is the founder of the field of psychoanalysis?

- Ans ☒ 1. Jean Piaget
☒ 2. Kai T Erikson
☒ 3. Sigmund Freud
☒ 4. Carl Jung

Question ID : **81616113245**
Status : **Not Answered**
Chosen Option : **--**

Q.13 The main collections of Vedic hymns are called _____.

- Ans ☒ 1. Sutra
☒ 2. Pad
☒ 3. Samhita
☒ 4. Mukh

Question ID : 81616112239
Status : Not Answered
Chosen Option : --

Q.14 Alivardi Khan was a Nawab of _____.

- Ans ☒ 1. Bengal
☒ 2. Awadh
☒ 3. Malabar
☒ 4. Deccan

Question ID : 81616114159
Status : Answered
Chosen Option : 1

Q.15 Siddhendra Yogi, a doyen of the _____ dance form, was lauded as Adi Guru.

- Ans ☒ 1. Kuchipudi
☒ 2. Kathakali
☒ 3. Bharatanatyam
☒ 4. Kathak

Question ID : 81616112227
Status : Not Answered
Chosen Option : --

Q.16 ISRO's Polar Satellite Launch Vehicle (PSLV) successfully launched a remote sensing satellite of which country on 28th February 2021?

- Ans ☒ 1. Cuba
☒ 2. Mexico
☒ 3. Spain
☒ 4. Brazil

Question ID : 81616113766
Status : Not Answered
Chosen Option : --

Q.17 In which of the following years was the Rajya Sabha first constituted?

- Ans ☒ 1. 1950
☒ 2. 1948
☒ 3. 1952
☒ 4. 1947

Question ID : 81616113256
Status : Answered
Chosen Option : 1

Q.18 Which of the following statements is correct?

- Ans ☒ 1. The net magnetic flux through any closed surface is zero.
☐ 2. Magnetic flux is a vector quantity.
☐ 3. Earth's magnetic poles coincide with the geographic poles.
☐ 4. Two magnetic field lines may intersect.

Question ID : 81616113747
Status : Answered
Chosen Option : 2

Q.19 Which of the following states renamed the dragon fruit as 'Kalamam' in January 2021?

- Ans ☐ 1. Rajasthan
☐ 2. Uttar Pradesh
☐ 3. Tamil Nadu
☒ 4. Gujarat

Question ID : 81616113260
Status : Not Answered
Chosen Option : --

Q.20 Who among the following was the first Indian table tennis player ever to become a nine times senior national champion as of January 2021?

- Ans ☒ 1. Achanta Sharath Kamal
☐ 2. Harmeet Desai
☐ 3. Soumyajit Ghosh
☐ 4. Manav Thakkar

Question ID : 81616112248
Status : Not Answered
Chosen Option : --

Q.21 _____ is an alphanumeric code that uniquely identifies a bank-branch participating in the NEFT system.

- Ans ☐ 1. STP
☐ 2. SFMS
☒ 3. IFSC
☐ 4. RTGS

Question ID : 81616113239
Status : Answered
Chosen Option : 3

Q.22 Bombay Stock Exchange became the first stock exchange in India to launch commodity derivatives contract in gold and _____.

- Ans ☐ 1. platinum
☐ 2. diamond
☒ 3. silver
☐ 4. equity

Question ID : 81616114149
Status : Answered
Chosen Option : 4

Q.23 In 2020, who among the following became the most successful F1 driver with the most career wins, overtaking Michael Schumacher?

- Ans ☒ 1. Fernando Alonso
☒ 2. Kimi Raikkonen
☒ 3. Lewis Hamilton
☒ 4. Sebastian Vettel

Question ID : 81616113762
Status : Answered
Chosen Option : 3

Q.24 Plants grown at which of the following places take up carbon dioxide during the night?

- Ans ☒ 1. Deserts
☒ 2. Hilly terrains
☒ 3. Roof tops
☒ 4. Ocean beds

Question ID : 81616114152
Status : Answered
Chosen Option : 3

Q.25 In which of the following years did Japan invade India resulting in the Battle of Imphal?

- Ans ☒ 1. 1862
☒ 2. 1944
☒ 3. 1901
☒ 4. 1899

Question ID : 81616113251
Status : Not Answered
Chosen Option : --

Section : Quantitative Aptitude

Q.1 Study the following table and answer the question:

Number of students Appeared (A) and Passed (P) in an annual examination from four schools Q, R, S & T in five years (2014 to 2018)

School Year	Q		R		S		T	
	A	P	A	P	A	P	A	P
2014	320	240	400	340	420	273	250	225
2015	400	320	380	285	350	280	300	228
2016	440	286	360	288	330	264	320	256
2017	350	252	420	294	380	247	350	315
2018	375	320	450	405	400	344	375	300

The total number of students passed from school Q in 2014 and 2018 is what percent less than the total number of students appeared from schools R and S in 2017?

- Ans ☒ 1. 42.9%
☒ 2. 30%
☒ 3. 25%
☒ 4. 35.4%

Question ID : 81616114295
Status : Not Answered
Chosen Option : --

Q.2 If $3 \sin^2 \theta - \cos \theta - 1 = 0$, $0^\circ < \theta < 90^\circ$, then what is the value of $\cot \theta + \operatorname{cosec} \theta$?

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

Question ID : 81616114189
 Status : Answered
 Chosen Option : 3

Q.3 Point P lies outside a circle with centre O. Tangents PA and PB are drawn to meet the circle at A and B respectively. If $\angle APB = 80^\circ$, then $\angle OAB$ is equal to:

- Ans
- ☒ 1. 70°
 - ☒ 2. 40°
 - ☒ 3. 140°
 - ☒ 4. 35°

Question ID : 81616113276
 Status : Answered
 Chosen Option : 2

Q.4 If $x^4 + y^4 + x^2y^2 = 21$ and $x^2 + y^2 - xy = 7$, then what is the value of $\frac{x}{y} + \frac{y}{x}$?

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

Question ID : 81616114184
 Status : Answered
 Chosen Option : 1

Q.5 Simplify the following expression.

$$\frac{(375 + 125)^2 - (125 - 375)^2}{375 \times 375 - 125 \times 125}$$

- Ans
- ☒ 1. $\frac{15}{8}$
 - ☒ 2. $\frac{3}{2}$
 - ☒ 3. $\frac{27}{28}$
 - ☒ 4. $\frac{3}{4}$

Question ID : 81616112264
 Status : Answered
 Chosen Option : 2

Q.6 Find the ratio between the fourth proportional of 12, 16, 6 and the third proportional of 4, 6.

- Ans
- ☒ 1. 4 : 3
 - ☒ 2. 3 : 2
 - ☒ 3. 11 : 5
 - ☒ 4. 8 : 9

Question ID : **81616112258**
Status : **Answered**
Chosen Option : **4**

Q.7 Chord AB of a circle of radius 10 cm is at a distance 8 cm from the centre O. If tangents drawn at A and B intersect at P, then the length of the tangent AP (in cm) is:

- Ans
- ☒ 1. 7.5
 - ☒ 2. 4
 - ☒ 3. 3.75
 - ☒ 4. 15

Question ID : **81616113279**
Status : **Not Answered**
Chosen Option : --

Q.8 Study the following table and answer the question:

Number of students Appeared (A) and Passed (P) in an annual examination from four schools Q, R, S & T in five years (2014 to 2018)

School Year	Q		R		S		T	
	A	P	A	P	A	P	A	P
2014	320	240	400	340	420	273	250	225
2015	400	320	380	285	350	280	300	228
2016	440	286	360	288	330	264	320	256
2017	350	252	420	294	380	247	350	315
2018	375	320	450	405	400	344	375	300

The ratio of the total number of students appeared from school Q in 2017 and from school S in 2018 to the total number of students passed from school R in 2018 and school T in 2014, is:

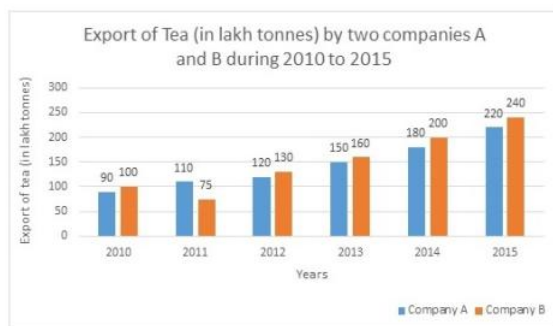
- Ans
- ☒ 1. 16 : 9
 - ☒ 2. 25 : 21
 - ☒ 3. 5 : 7
 - ☒ 4. 7 : 8

Question ID : **81616114293**
Status : **Not Answered**
Chosen Option : --

Q.9 The following Bar Graphs represent the Export of Tea (in lakh tonnes) by two companies A and B during the years 2010 to 2015.

Study the chart and answer the question written below:

(Note: The data shown below is only for mathematical exercise. They do not represent the actual figures).



What is the ratio of the total exports of company B in 2011 and 2014 to the total exports of company A in 2012 and 2015?

- Ans ☒ 1. 55 : 68
☒ 2. 68 : 55
☒ 3. 29 : 37
☒ 4. 37 : 29

Question ID : 81616112273

Status : Answered

Chosen Option : 1

Q.10 The value of

$$(\sin 37^\circ \cos 53^\circ + \cos 37^\circ \sin 53^\circ) - \frac{4 \cos^2 37^\circ - 7 + 4 \cos^2 53^\circ}{\tan^2 47^\circ + 4 - \operatorname{cosec}^2 43^\circ} \text{ is:}$$

- Ans ☒ 1. -2
☒ 2. 0
☒ 3. 1
☒ 4. 2

Question ID : 81616114089

Status : Answered

Chosen Option : 3

Q.11 If the 8-digit number 888x53y4 is divisible by 72, then what is the value of $(7x + 2y)$, for the maximum value of y ?

- Ans ☒ 1. 19
☒ 2. 23
☒ 3. 27
☒ 4. 15

Question ID : 81616114171

Status : Answered

Chosen Option : 3

Q.12 In an examination, 45% of all the students who appeared are boys and the rest are girls. If 60% of the boys and 70% of the girls passed, then what is the percentage of students who failed?

- Ans ☒ 1. 36
☒ 2. 40
☒ 3. 35.4
☒ 4. 34.5

Question ID : 81616114175
Status : Not Answered
Chosen Option : --

Q.13 If $x + y = 3$ and $\frac{1}{x} + \frac{1}{y} = -\frac{3}{10}$, then the value of $(x^2 + y^2)$ is :

- Ans ☒ 1. 29
☒ 2. 28
☒ 3. 26
☒ 4. 34

Question ID : 81616113778
Status : Answered
Chosen Option : 1

Q.14 A and B together can complete a certain work in 20 days whereas B and C together can complete it in 24 days. If A is twice as good a workman as C, then in what time will B alone do 40% of the same work?

- Ans ☒ 1. 12 days
☒ 2. 15 days
☒ 3. 18 days
☒ 4. 10 days

Question ID : 81616114179
Status : Not Answered
Chosen Option : --

Q.15 The data given in the table shows the number of boys and girls enrolled in three different streams in a school over 5 years. (2012 to 2020)

years	Arts		Science		Commerce	
	Boys	Girls	Boys	Girls	Boys	Girls
2012	48	36	40	35	35	45
2014	42	43	42	32	32	42
2016	45	42	38	30	36	38
2018	39	46	41	23	28	34
2020	36	43	39	30	39	41

What is the difference between the average of the number of boys in the Commerce stream for the 5 years and the average of the number of girls in the Arts stream for the 5 years?

- Ans ☒ 1. 40
☒ 2. 10
☒ 3. 8
☒ 4. 12

Question ID : 81616112275
Status : Answered
Chosen Option : 2

Q.16 What is the difference (in ₹) between the simple interest and the compound interest on a sum of ₹8000 for $2\frac{2}{5}$ years at the rate of 10% p.a., when the interest is compounded yearly?

- Ans** ☒ 1. 147.20
☐ 2. 152.80
☐ 3. 155
☐ 4. 150

Question ID : **81616114178**
Status : **Not Answered**
Chosen Option : --

Q.17 The average of x occurring 5 times and y occurring 7 times is 37. Also, the average of x occurring 7 times and y occurring 5 times is 35. The value of y is:

- Ans** ☐ 1. 45
☒ 2. 42
☐ 3. 30
☐ 4. 27

Question ID : **81616113264**
Status : **Not Answered**
Chosen Option : --

Q.18 A trader sells an article at 16% below its cost price. Had he sold it for ₹192.20 more, he would have gained 15%. The cost price (in ₹) of the article is:

- Ans** ☒ 1. 620
☐ 2. 680
☐ 3. 720
☐ 4. 640

Question ID : **81616113772**
Status : **Answered**
Chosen Option : 1

Q.19 The perimeter of a semi-circle is 25.7 cm. What is its diameter (in cm)? ($\pi = 3.14$)

- Ans** ☒ 1. 10
☐ 2. 9
☐ 3. 12
☐ 4. 8

Question ID : **81616113272**
Status : **Answered**
Chosen Option : 1

Q.20 AB is a chord of a circle in minor segment with center O. C is a point on the minor arc of the circle between the points A and B. The tangents to the circle at A and B meet at the point P. If $\angle ACB = 102^\circ$, then what is the measure of $\angle APB$?

- Ans** ☐ 1. 29°
☐ 2. 27°
☐ 3. 23°
☒ 4. 24°

Question ID : **81616114186**
Status : **Answered**
Chosen Option : 4

Q.21 A shopkeeper marked every item 25% above the cost price and allowed 10% discount. Shruti being a regular customer got 5% additional discount on the bill and paid ₹2394 for the item purchased. What is the cost price of the item (in ₹)?

- Ans**
- ✓ 1. 2240
 - ✗ 2. 2440
 - ✗ 3. 2220
 - ✗ 4. 2420

Question ID : 81616112255
 Status : Answered
 Chosen Option : 2

Q.22 Find the value of $\sin^4 30^\circ + \cos^4 30^\circ - \sin 25^\circ \cos 65^\circ - \sin 65^\circ \cos 25^\circ$.

- Ans**
- ✓ 1. $-\frac{3}{8}$
 - ✗ 2. 0
 - ✗ 3. $\frac{5}{8}$
 - ✗ 4. $\frac{13}{8}$

Question ID : 81616112776
 Status : Answered
 Chosen Option : 1

Q.23 The value of $18 \div [26 - \{25 - (15 - 5) \div 2\}]$ of $12 + 2 - 2 \div 4 \times 16$ is:

- Ans**
- ✓ 1. $-\frac{23}{4}$
 - ✗ 2. $\frac{3}{2}$
 - ✗ 3. $\frac{9}{4}$
 - ✗ 4. $-\frac{25}{2}$

Question ID : 81616113768
 Status : Answered
 Chosen Option : 1

Q.24 $\triangle ABC \sim \triangle DEF$. If the areas of $\triangle ABC$ and $\triangle DEF$ are 100 cm^2 and 81 cm^2 , respectively and the altitude of $\triangle DEF$ is 6.3 cm , then the corresponding altitude of $\triangle ABC$ is:

- Ans**
- ✗ 1. 9 cm
 - ✗ 2. 5.6 cm
 - ✓ 3. 7 cm
 - ✗ 4. 8.4 cm

Question ID : 81616113783
 Status : Answered
 Chosen Option : 3

Q.25 Akhil takes 30 minutes extra to cover a distance of 150 km if he drives 10 km/h slower than his usual speed. How much time will he take to drive 90 km if he drives 15 km per hour slower than his usual speed?

- Ans**
- ☒ 1. 2 h 45 m
 - ☒ 2. 2 h 30 m
 - ☒ 3. 2 h
 - ☒ 4. 2 h 15 m

Question ID : 81616112261
Status : Not Answered
Chosen Option : --

Section : English Comprehension

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

A stumbling block

- Ans**
- ☒ 1. Removing stones on the way
 - ☒ 2. Putting stones along the way
 - ☒ 3. An obstacle to progress
 - ☒ 4. Skipping over a hurdle

Question ID : 81616112295
Status : Answered
Chosen Option : 3

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

Testify

- Ans**
- ☒ 1. Oppose
 - ☒ 2. Disprove
 - ☒ 3. Affirm
 - ☒ 4. Invalidate

Question ID : 81616113302
Status : Answered
Chosen Option : 3

Q.3 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Seasonal
 - ☒ 2. Celestial
 - ☒ 3. Hygeinic
 - ☒ 4. Gymnastic

Question ID : 81616113815
Status : Answered
Chosen Option : 3

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

To throw an event into confusion or disorder

- Ans
- ☒ 1. Explode
 - ☒ 2. Detonate
 - ☒ 3. Disrupt
 - ☒ 4. Erupt

Question ID : 81616114216
Status : **Marked For Review**
Chosen Option : 3

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

A kick in the teeth

- Ans
- ☒ 1. A grave setback
 - ☒ 2. Severe toothache
 - ☒ 3. Removing tooth cavities
 - ☒ 4. Hitting someone hard

Question ID : 81616112296
Status : **Not Answered**
Chosen Option : --

Q.6 Select the most appropriate option to fill in the blank.

Some people were tired of the long _____ in front of the mall and left without entering.

- Ans
- ☒ 1. waste
 - ☒ 2. waist
 - ☒ 3. wait
 - ☒ 4. weight

Question ID : 81616114220
Status : **Answered**
Chosen Option : 3

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

Revel

- Ans
- ☒ 1. Appreciate
 - ☒ 2. Rejoice
 - ☒ 3. Mourn
 - ☒ 4. Enjoy

Question ID : 81616113808
Status : **Not Answered**
Chosen Option : --

Q.8 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. However, its importance is primarily for its location.
- B. But unlike other rivers, it is not used for shipping.
- C. Although not the longest river, the Rio Grande is the most important river in America.
- D. America has several long river systems.

Ans ✓ 1. DCBA

✗ 2. DABC

✗ 3. DCAB

✗ 4. ABCD

Question ID : 81616112290

Status : Answered

Chosen Option : 1

Q.9 Select the option that will substitute the underlined part of the given sentence. In case no substitution is needed, select 'No substitution required'.

When I met the couple yesterday I noticed that the wife was more taller than her husband.

Ans ✗ 1. much tall

✓ 2. taller

✗ 3. much tallest

✗ 4. No substitution required

Question ID : 81616114200

Status : Answered

Chosen Option : 2

Q.10 Select the option that can be used as a one-word substitute for the given group of words.

Something that is to your advantage but happened by chance

Ans ✓ 1. Fortuitous

✗ 2. Purposeful

✗ 3. Deliberate

✗ 4. Occidental

Question ID : 81616114217

Status : Answered

Chosen Option : 1

Q.11 Select the most appropriate synonym of the given word.

Abolish

Ans ✓ 1. Eliminate

✗ 2. Establish

✗ 3. Introduce

✗ 4. Continue

Question ID : 81616113301

Status : Answered

Chosen Option : 1

Q.12 Select the option that expresses the given sentence in indirect speech.

Sneha said to me, "I was watching TV."

- Ans ☒ 1. Sneha told me that she had been watching TV.
☐ 2. Sneha said to me that I was watching TV.
☐ 3. Sneha told me that she was watching TV.
☐ 4. Sneha told me that I was watching TV.

Question ID : 81616113290

Status : Answered

Chosen Option : 1

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

Downcast

- Ans ☐ 1. Successful
☒ 2. Cheerful
☐ 3. Distressed
☐ 4. Disappointed

Question ID : 81616112294

Status : Answered

Chosen Option : 2

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

Keats and Shelley were poets of the same period; they were _____.

- Ans ☐ 1. colleagues
☐ 2. associates
☒ 3. contemporaries
☐ 4. acquaintances

Question ID : 81616113312

Status : Answered

Chosen Option : 3

Q.15 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.

We don't really / want a large house; / we are looking for some comfort / and some convenience on a moderate price.

- Ans ☒ 1. and some convenience on a moderate price
☐ 2. want a large house
☐ 3. We don't really
☐ 4. we are looking for some comfort

Question ID : 81616114197

Status : Answered

Chosen Option : 3

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

- A. But a dove that happened to be sitting on a neighbouring tree saw the ant's danger and, plucking off a leaf, let it drop into the water before him.
B. Just at that time, a fowler was spreading his net and was in the act of ensnaring the dove, when the ant, perceiving his object, bit his heel.
C. An ant went to a fountain to quench his thirst and, tumbling in, almost drowned.
D. The ant mounting upon it, was presently wafted safely ashore.

Ans ☒ 1. CBAD
☒ 2. DCAB
☒ 3. ABCD
☒ 4. CADB

Question ID : 81616113804

Status : Answered

Chosen Option : 1

Q.17 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.

Lalitha will go / to sister's house / in Mumbai / this summer.

Ans ☒ 1. to sister's house
☒ 2. this summer
☒ 3. in Mumbai
☒ 4. Lalitha will go

Question ID : 81616112277

Status : Answered

Chosen Option : 1

Q.18 Select the INCORRECTLY spelt word.

Ans ☒ 1. Scorpeon
☒ 2. Caterpillar
☒ 3. Lizard
☒ 4. Chameleon

Question ID : 81616113814

Status : Answered

Chosen Option : 1

Q.19 Select the option that expresses the given sentence in passive voice.

Imran has found two good jobs in the advertisements of the newspaper.

Ans ☒ 1. Two good jobs had found by Imran in the advertisements of the newspaper.
☒ 2. Two good jobs have been found by Imran in the advertisements of the newspaper.
☒ 3. Two good jobs are being found by Imran in the advertisements of the newspaper.
☒ 4. Two good jobs has found by Imran in the advertisements of the newspaper.

Question ID : 81616114198

Status : Answered

Chosen Option : 2

Q.20 Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement'.

The teacher advised the children to not went near the lake.

- Ans ☒ 1. don't go
☒ 2. No improvement
☒ 3. not to go
☒ 4. not to be going

Question ID : 81616113292

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 Panchatantra is a legendary collection of short stories from India. (1)_____ composed in the 2nd century BC, Panchatantra is (2)_____ to be written by Vishnu Sharma (3)_____ with many other scholars. The purpose behind the composition (4)_____ to implant moral values and governing (5)_____ in the young sons of the king.

SubQuestion No : 21

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

- Ans ☒ 1. Originally
☒ 2. Eventually
☒ 3. Firstly
☒ 4. Ultimately

Question ID : 81616113799

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.

The Panchatantra is a legendary collection of short stories from India. (1)_____ composed in the 2nd century BC, Panchatantra is (2)_____ to be written by Vishnu Sharma (3)_____ with many other scholars. The purpose behind the composition (4)_____ to implant moral values and governing (5)_____ in the young sons of the king.

SubQuestion No : 22

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

- Ans ☒ 1. established
☒ 2. believed
☒ 3. alleged
☒ 4. designed

Question ID : 81616113800

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 Panchatantra is a legendary collection of short stories from India. (1)_____ composed in the 2nd century BC, Panchatantra is (2)_____ to be written by Vishnu Sharma (3)_____ with many other scholars. The purpose behind the composition (4)_____ to implant moral values and governing (5)_____ in the young sons of the king.

SubQuestion No : 23

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

- Ans ☒ 1. along
☐ 2. beside
☐ 3. next
☐ 4. near

Question ID : 81616113801
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.

The Panchatantra is a legendary collection of short stories from India. (1)_____ composed in the 2nd century BC, Panchatantra is (2)_____ to be written by Vishnu Sharma (3)_____ with many other scholars. The purpose behind the composition (4)_____ to implant moral values and governing (5)_____ in the young sons of the king.

SubQuestion No : 24

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

- Ans ☐ 1. were
☐ 2. are
☐ 3. be
☒ 4. was

Question ID : 81616113802
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 Panchatantra is a legendary collection of short stories from India. (1)_____ composed in the 2nd century BC, Panchatantra is (2)_____ to be written by Vishnu Sharma (3)_____ with many other scholars. The purpose behind the composition (4)_____ to implant moral values and governing (5)_____ in the young sons of the king.

SubQuestion No : 25

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

- Ans ☐ 1. faculties
☐ 2. flairs
☒ 3. skills
☐ 4. gifts

Question ID : 81616113803
Status : Answered
Chosen Option : 3

Combined Graduate Level Examination 2020 Tier-I

Roll Number	www.exammix.com
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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?

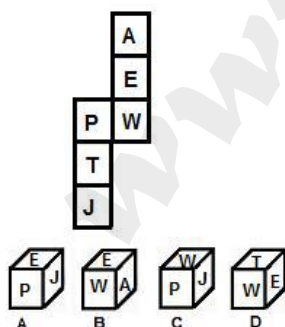
- Ans
- ☒ 1. 105
 - ☒ 2. 85
 - ☒ 3. 36
 - ☒ 4. 64

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.

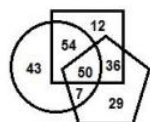
- Ans** ☒ 1. All the conclusions follow
☒ 2. Only conclusion II follows
☒ 3. Only conclusions I and II follow
☒ 4. Only conclusion I follows

Question ID : 81616114131

Status : Not Answered

Chosen Option : --

Q.5 In the following Venn diagram, the square stands for 'Doctors', the circle stands for 'Blood donors', and the pentagon stands for 'Women'. The given numbers represent the number of persons in that particular category.



How many women doctors are blood donors?

- Ans** ☒ 1. 57
☒ 2. 54
☒ 3. 50
☒ 4. 36

Question ID : 81616114145

Status : Answered

Chosen Option : 3

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

Question ID : 81616114020

Status : Answered

Chosen Option : 3

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?

$$78 \div 48 \times 8 + (26 \times 7) - 39 + (45 + 15) = 210$$

- 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

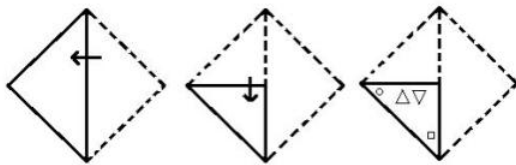
Question ID : 81616114133
Status : Answered
Chosen Option : 1

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

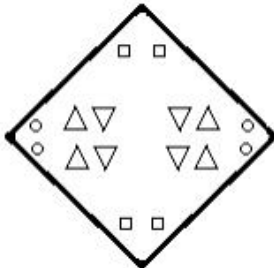
Question ID : 81616114029
Status : Not Answered
Chosen Option : --

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?

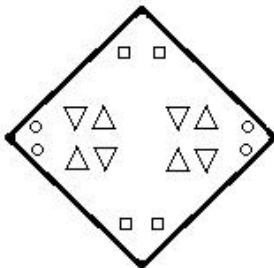


Ans

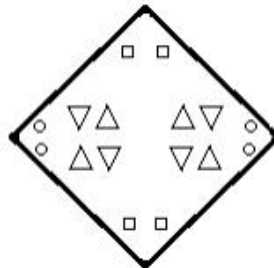
X 1.



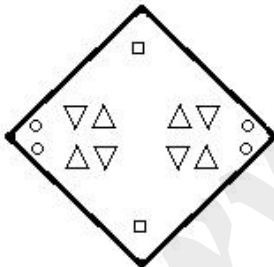
X 2.



✓ 3.



X 4.



Question ID : **81616114043**

Status : **Answered**

Chosen Option : **3**

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



Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 81616114041

Status : Answered

Chosen Option : 1

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

Question ID : 81616112709

Status : Answered

Chosen Option : 4

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)

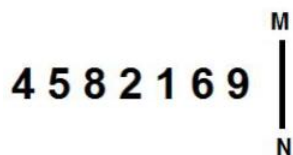
✓ 4. (4, 16, 256)

Question ID : 81616114135

Status : Answered

Chosen Option : 3

Q.15 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.



Ans

- ✗ 1. 9 6 1 2 8 5 4
✓ 2. 9 6 1 5 8 2 4
✗ 3. 6 9 1 5 8 2 4
✗ 4. 9 6 1 5 8 9 4

Question ID : 81616114042

Status : Answered

Chosen Option : 2

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

Question ID : 81616114025

Status : Answered

Chosen Option : 4

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

Question ID : 81616112711

Status : Answered

Chosen Option : 1

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

Question ID : 81616114023

Status : Answered

Chosen Option : 4

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

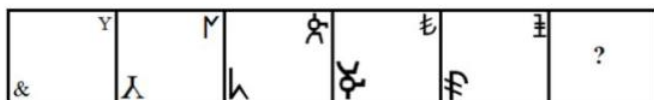
☒ 4. 30 : 908

Question ID : 81616114033

Status : Answered

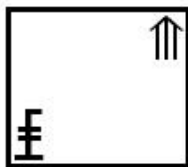
Chosen Option : 4

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

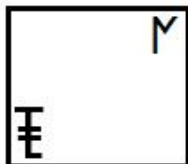


Ans

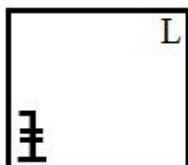
✗ 1.



✗ 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 Atranjikhhera 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

Question ID : 81616114053

Status : Answered

Chosen Option : 2

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

Question ID : 81616114146

Status : Not Answered

Chosen Option : --

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

Question ID : 81616112754

Status : Answered

Chosen Option : 2

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

Question ID : 81616114083

Status : Answered

Chosen Option : 3

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

Question ID : 81616112768

Status : Answered

Chosen Option : 1

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 $\text{area}(\Delta POQ) : \text{area}(\Delta SOR)$?

- 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 $\frac{\operatorname{cosec}^2\theta + \sec^2\theta}{\operatorname{cosec}^2\theta - \sec^2\theta}$ 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 $\frac{(x^3 + \frac{1}{x})}{x^2 + 1}$?

Ans

✓ 1. $\frac{24\sqrt{2}}{5}$

✗ 2. $\frac{12\sqrt{2}}{5}$

✗ 3. $\frac{18\sqrt{2}}{5}$

✗ 4. $\frac{26\sqrt{2}}{5}$

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

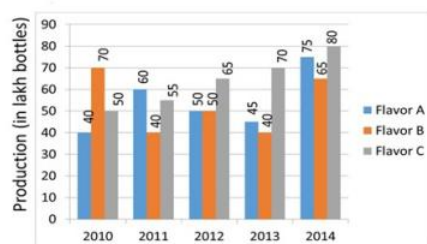
Question ID : **81616114072**
Status : **Not Answered**
Chosen Option : --

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

- 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

Question ID : 81616113185

Status : Answered

Chosen Option : 4

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

Question ID : 81616114070

Status : Answered

Chosen Option : 4

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

- Ans**
- ☒ 1. $\frac{\sqrt{6}}{2}$
 - ☒ 2. $\frac{\sqrt{6}}{3}$
 - ☒ 3. $\frac{3}{2}$
 - ☒ 4. $\frac{2}{3}$

Question ID : 81616114088

Status : Answered

Chosen Option : 2

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. $6\frac{3}{4}$

Question ID : 81616114180
Status : Not Answered
Chosen Option : --

Q.19 $\triangle ABC$ 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

Question ID : 81616114087
Status : Answered
Chosen Option : 1

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

Question ID : 81616114074
Status : Not Answered
Chosen Option : --

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

Question ID : 81616114193
Status : Answered
Chosen Option : 4

Q.22 In ΔPQR , $\angle Q = 90^\circ$. If $\tan R = \frac{1}{3}$, then what is the value of $\frac{\sec P (\cos R + \sin P)}{\operatorname{cosec} R (\sin R - \operatorname{cosec} P)}$?

- Ans
- ☒ 1. $\frac{18}{7}$
 - ☒ 2. $-\frac{18}{7}$
 - ☒ 3. $-\frac{2}{7}$
 - ☒ 4. $\frac{2}{7}$

Question ID : 81616113584

Status : Answered

Chosen Option : 4

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.

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

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?

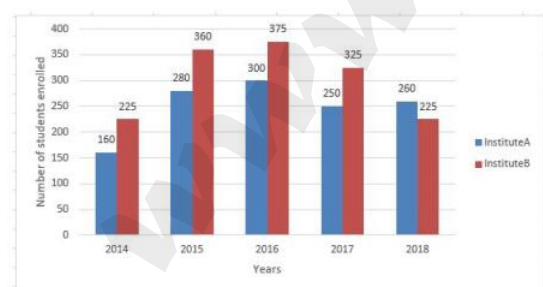
- Ans
- ☒ 1. 15%
 - ☒ 2. 12.5%
 - ☒ 3. 17.5%
 - ☒ 4. 16%

Question ID : 81616114195

Status : Answered

Chosen Option : 2

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%

Question ID : 81616113183

Status : Answered

Chosen Option : 3

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 here since one month 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. Proffessor
☐ 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'.

With magnifying glass, 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

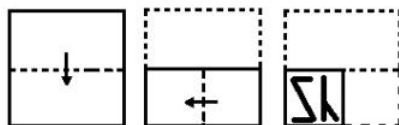
Chosen Option : 4

Combined Graduate Level Examination 2020 Tier-I

Roll Number	www.exammix.com
Candidate Name	
Venue Name	
Exam Date	18/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : General Intelligence and Reasoning

Q.1 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 : 81616112629

Status : Answered

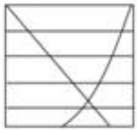
Chosen Option : 1

Q.2 Select the option in which the given figure is embedded (rotation is NOT allowed).

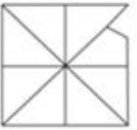


Ans

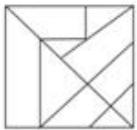
☒ 1.



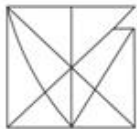
☒ 2.



☒ 3.



☒ 4.



Question ID : 81616112627

Status : Answered

Chosen Option : 2

Q.3 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. BDYF

☒ 2. XZTB

☒ 3. TVQX

☒ 4. NPKR

Question ID : 81616113315

Status : Not Answered

Chosen Option : --

Q.4 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. (Any operation on digits is not allowed)

Ans ☒ 1. 326 : 107

☒ 2. 239 : 78

☒ 3. 308 : 101

☒ 4. 197 : 66

Question ID : 81616112922

Status : Answered

Chosen Option : 4

Q.5 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Gravity
2. Glycogen
3. Gestation
4. Glycerine
5. Gesture

Ans ☒ 1. 3, 5, 4, 2, 1

☒ 2. 3, 2, 5, 1, 4

☒ 3. 3, 1, 2, 4, 5

☒ 4. 3, 5, 2, 4, 1

Question ID : 81616113314

Status : Answered

Chosen Option : 1

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

H, Q, I, T, K, ?, N

Ans ☒ 1. Y

☒ 2. A

☒ 3. U

☒ 4. J

Question ID : 81616112614

Status : Answered

Chosen Option : 1

Q.7 In a certain code language, 'VIRTUE' is written as 'DBZBNX'. How will 'OMINOUS' be written in that language?

Ans ☒ 1. HBUVHNA

☒ 2. HUBVHNA

☒ 3. IBUHABM

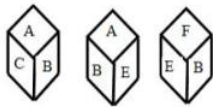
☒ 4. IUBHMBA

Question ID : 81616113117

Status : Not Answered

Chosen Option : --

Q.8 Three different positions of the same dice are shown, the faces of which are marked with the letters A, B, C, D, E and F. Select the letter that will be on the face opposite to the face having the letter 'D'.



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

Question ID : 81616112929

Status : Answered

Chosen Option : 1

Q.9 Select the option in which the words share the same relationship as that shared by the given pair of words.

Jharkhand : Ranchi

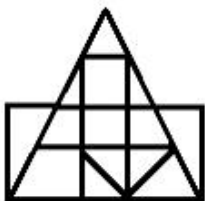
- Ans**
- ✗ 1. Sikkim : Itanagar
 - ✗ 2. Mizoram : Kohima
 - ✗ 3. Assam : Jorhat
 - ✓ 4. Meghalaya : Shillong

Question ID : 81616112611

Status : Answered

Chosen Option : 4

Q.10 Find the number of triangles in the given figure.



- Ans**
- ✗ 1. 14
 - ✗ 2. 16
 - ✗ 3. 20
 - ✓ 4. 18

Question ID : 81616112928

Status : Not Answered

Chosen Option : --

Q.11 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(4, 10, 53)

- Ans ☒ 1. (8, 20, 103)
☒ 2. (11, 31, 152)
☒ 3. (5, 13, 62)
☒ 4. (7, 19, 98)

Question ID : 81616112924

Status : Answered

Chosen Option : 1

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

6, 6, 8, 24, 28, 140, ?

- Ans ☒ 1. 144
☒ 2. 146
☒ 3. 145
☒ 4. 148

Question ID : 81616113324

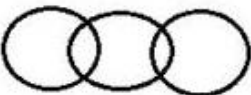


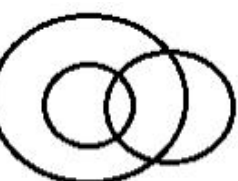
Status : Not Answered

Chosen Option : --

Q.13 Select the Venn diagram that best illustrates the relationship among the following classes.

Neptune, Planet, Moon

Ans

- ☒ 1. 
- ☒ 2. 
- ☒ 3. 
- ☒ 4. 

Question ID : 81616113135

Status : Answered

Chosen Option : 3

Q.14 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

16 : 8 :: 21 : ? :: 11 : 6

- Ans ☒ 1. 11
☒ 2. 10
☒ 3. 9
☒ 4. 14

Question ID : 81616113123

Status : Not Answered

Chosen Option : --

Q.15 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

3 13 4
 6 67 31
 5 ? 20

- Ans ☒ 1. 40
☒ 2. 45
☒ 3. 50
☒ 4. 55

Question ID : 81616113125

Status : Not Answered

Chosen Option : --

Q.16 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
 Some mats are carpets.
 Some carpets are blankets.
 No blanket is a quilt.

Conclusions:
 I. No quilt is a carpet.
 II. No blanket is a mat.
 III. Some carpets are mats.

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

Question ID : 81616113121

Status : Answered

Chosen Option : 2

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.

Circle : Arc : : Plant : ?

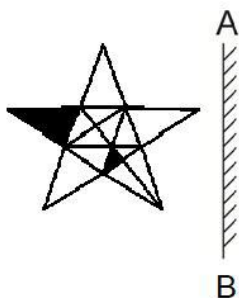
- Ans ☒ 1. Plasma
☒ 2. Tree
☒ 3. Chlorophyll
☒ 4. Stem

Question ID : 81616113317

Status : Answered

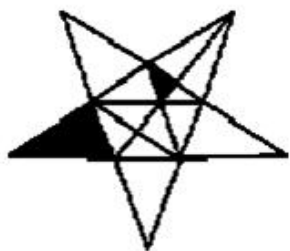
Chosen Option : 2

Q.18 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.



Ans

✗ 1.



✗ 2.



✓ 3.



✗ 4.



Question ID : 81616112628

Status : Answered

Chosen Option : 3

Q.19 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

$$483 * 23 * 93 * 16 * 4 * 50$$

Ans ☒ 1. $\div, +, -, =, \times$

☒ 2. $\div, +, -, \times, =$

☒ 3. $+, \div, -, \times, =$

☒ 4. $\div, -, +, \times, =$

Question ID : 81616112925

Status : Not Answered

Chosen Option : --

Q.20 The present age of Ramesh is 7 years more than the present age of his wife Sangeeta. 6 years hence, the age of Ramesh will be three times that of his son Mayank. If the present age of Mayank is 10 years, then what is the present age of Sangeeta?

Ans ☒ 1. 48 years

☒ 2. 35 years

☒ 3. 42 years

☒ 4. 30 years

Question ID : 81616112623

Status : Answered

Chosen Option : 2

Q.21 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

CUH, HQK, MMN, RIQ, ?

Ans ☒ 1. UDS

☒ 2. XFS

☒ 3. WET

☒ 4. VGT

Question ID : 81616112606

Status : Answered

Chosen Option : 3

Q.22 In a certain code language, 'REFUSAL' is coded as '2101239103' and 'POETRY' is coded as '1067927'. How will 'PROFIT' be coded in that language?

Ans ☒ 1. 12186792

☒ 2. 81217629

☒ 3. 18216972

☒ 4. 21671829

Question ID : 81616112916

Status : Not Answered

Chosen Option : --

Q.23 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

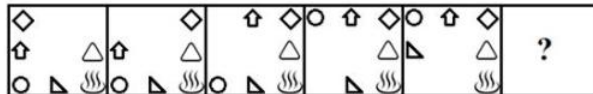
- Ans
- ☒ 1. Zeal
 - ☒ 2. Vision
 - ☒ 3. Fury
 - ☒ 4. Devotion

Question ID : 81616112912

Status : Not Answered

Chosen Option : --

Q.24 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 : 81616113331

Status : Not Answered

Chosen Option : --

Q.25 Rani is the sister of Piyush and the daughter of Kamal. Kamal is the son of Gaurav and the brother of Aryan. Aryan is the father of Rajneesh. How is Aryan related to Piyush?

- Ans
- ☒ 1. Brother
 - ☒ 2. Father
 - ☒ 3. Paternal Grandfather
 - ☒ 4. Paternal Uncle

Question ID : 81616112615

Status : Not Answered

Chosen Option : --

Q.1 In which of the following years was the Indian Independence Act passed by the British Parliament?

- Ans ☒ 1. 1945
☒ 2. 1947
☒ 3. 1942
☒ 4. 1946

Question ID : **81616113148**
Status : **Answered**
Chosen Option : **4**

Q.2 The total membership of the Constituent Assembly was 389, of which _____ were representatives of princely states.

- Ans ☒ 1. 84
☒ 2. 109
☒ 3. 93
☒ 4. 102

Question ID : **81616112650**
Status : **Not Answered**
Chosen Option : --

Q.3 Who among the following became the co-chair of 17th ASEAN-India Summit in November 2020?

- Ans ☒ 1. The Prime Minister of India
☒ 2. The Chief Justice of India
☒ 3. The Speaker of the Lok Sabha
☒ 4. The President of India

Question ID : **81616112654**
Status : **Answered**
Chosen Option : **1**

Q.4 Which of the following states' tourism ministry announced the launch of India's first Labour Movement Museum in January 2021?

- Ans ☒ 1. West Bengal
☒ 2. Odisha
☒ 3. Kerala
☒ 4. Karnataka

Question ID : **81616113362**
Status : **Answered**
Chosen Option : **2**

Q.5 Which of the following is a coarse grained igneous rock that contains quarts and feldspar?

- Ans ☒ 1. Granite
☐ 2. Basalt
☐ 3. Andesite
☐ 4. Marble

Question ID : 81616113349
Status : Answered
Chosen Option : 2

Q.6 _____ is the pattern of veins in the blade of a leaf.

- Ans ☐ 1. Cytology
☐ 2. Anthology
☐ 3. Morphology
☒ 4. Venation

Question ID : 81616113143
Status : Answered
Chosen Option : 4

Q.7 Which of the following acids is used in the purification of gold and silver?

- Ans ☐ 1. Formic acid
☒ 2. Nitric acid
☐ 3. Maleic acid
☐ 4. Acetic acid

Question ID : 81616113140
Status : Answered
Chosen Option : 2

Q.8 Which of the following states inaugurated its first bird festival 'Kalrav' in January 2021?

- Ans ☐ 1. Tripura
☐ 2. Odisha
☐ 3. Assam
☒ 4. Bihar

Question ID : 81616113136
Status : Answered
Chosen Option : 1

Q.9 What was the name of the women's regiment in the Indian National Army founded by Subhash Chandra Bose?

- Ans ☐ 1. Rani Ahalyabai Regiment
☐ 2. Rani of Didda Regiment
☒ 3. Rani of Jhansi Regiment
☐ 4. Rani Padmawati Regiment

Question ID : 81616112645
Status : Not Answered
Chosen Option : --

Q.10 What was the name of the first artificial satellite launched by India in 1975?

- Ans ☒ 1. Sushruta
☒ 2. Panini
☒ 3. Charaka
☒ 4. Aryabhata

Question ID : 81616112639
Status : Answered
Chosen Option : 4

Q.11 In which of the following states is the Kolleru Lake located?

- Ans ☒ 1. Tamil Nadu
☒ 2. Kerala
☒ 3. Madhya Pradesh
☒ 4. Andhra Pradesh

Question ID : 81616112943
Status : Answered
Chosen Option : 2

Q.12 Who was appointed as the middle and long distance coach of the Indian athletics team in January 2021?

- Ans ☒ 1. Radhakrishnan Nair
☒ 2. Adille Sumariwalla
☒ 3. Nikolai Snegarev
☒ 4. Amrith Kumar

Question ID : 81616113157
Status : Not Answered
Chosen Option : --

Q.13 In which of the following Indian states will you find the 'Kunchikal Falls'?

- Ans ☒ 1. Telangana
☒ 2. Kerala
☒ 3. Tamil Nadu
☒ 4. Karnataka

Question ID : 81616112641
Status : Not Answered
Chosen Option : --

Q.14 SP Balasubramaniam was a _____ who was conferred with the Padma Vibhushan posthumously in January 2021.

- Ans ☒ 1. singer
☐ 2. scientist
☐ 3. archaeologist
☐ 4. painter

Question ID : 81616113354

Status : Answered

Chosen Option : 4

Q.15 Who among the following Indian actors was honoured with the 'Best Actor' award at the Indo-German Film week held in Europe in 2020?

- Ans ☐ 1. Shah Rukh Khan
☒ 2. Adil Hussain
☐ 3. Salman Khan
☐ 4. Sanjay Dutt

Question ID : 81616112648

Status : Answered

Chosen Option : 3

Q.16 When we cut an onion, the vegetable emits an odour and our eyes tear up. Which of the following compounds is responsible for the tears and odour resulting from freshly cut onions?

- Ans ☐ 1. Ascorbic acid
☒ 2. Sulphuric acid
☐ 3. Citric acid
☐ 4. Acetic acid

Question ID : 81616113343

Status : Answered

Chosen Option : 2

Q.17 Makaravilakku is an annual festival held on Makar Sankranti in which of the following states?

- Ans ☐ 1. Tamil Nadu
☐ 2. Odisha
☐ 3. Karnataka
☒ 4. Kerala

Question ID : 81616112935

Status : Answered

Chosen Option : 3

Q.18 According to Malthusian theory which of the following grows in geometric progression?

- Ans ☒ 1. Food supply
☒ 2. Population
☒ 3. Employment
☒ 4. Poverty

Question ID : 81616112633
Status : Answered
Chosen Option : 2

Q.19 Who among the following was the first Finance Minister of the Independent India?

- Ans ☒ 1. RK Shanmukham Chetty
☒ 2. CD Deshmukh
☒ 3. Liaquat Ali Khan
☒ 4. KC Neogy

Question ID : 81616112947
Status : Answered
Chosen Option : 1

Q.20 On which of the following days is National Disaster Response Force Raising Day celebrated annually?

- Ans ☒ 1. 23 October
☒ 2. 19 January
☒ 3. 21 September
☒ 4. 6 March

Question ID : 81616113360
Status : Not Answered
Chosen Option : --

Q.21 Which of the following Articles of the Constitution of India defines for a separate secretarial staff for each House of the Parliament?

- Ans ☒ 1. Article 34
☒ 2. Article 98
☒ 3. Article 155
☒ 4. Article 123

Question ID : 81616112952
Status : Answered
Chosen Option : 3

Q.22 Which of the following states launched the scheme 'Sujal - Drink from Tap Mission' that aims to provide quality drinking water directly from tap to all households in urban areas?

- Ans ☒ 1. Odisha
☐ 2. West Bengal
☐ 3. Uttar Pradesh
☐ 4. Bihar

Question ID : 81616112940
Status : Answered
Chosen Option : 1

Q.23 Who has been re-appointed as the MD and CEO of the RBL Bank in January 2021 for three years?

- Ans ☐ 1. Deepak Ruiya
☐ 2. Rajeev Arora
☐ 3. Rajeev Ahuja
☒ 4. Vishwavir Ahuja

Question ID : 81616112937
Status : Not Answered
Chosen Option : --

Q.24 Who among the following established the Rashtrakuta Kingdom?

- Ans ☒ 1. Dantidurga
☐ 2. Krishna I
☐ 3. Ashoka
☐ 4. Amoghavarsha

Question ID : 81616113151
Status : Answered
Chosen Option : 4

Q.25 In which of the following countries was the headquarters of International Olympic Committee located as of February 2021?

- Ans ☐ 1. China
☐ 2. The US
☐ 3. Japan
☒ 4. Switzerland

Question ID : 81616113358
Status : Answered
Chosen Option : 3

Section : Quantitative Aptitude

Q.1 Study the table and answer the question.

The data given in the table shows the number of students studying in four different disciplines in 5 institutes.

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 commerce in institute D is what percent of the total number of students of the 5 institutes?

- Ans ☒ 1. 5.5
☒ 2. 5.3
☒ 3. 27.7
☒ 4. 20.1

Question ID : 81616112680

Status : Answered

Chosen Option : 1

Q.2 In $\triangle ABC$, AB and AC are produced to points D and E respectively. If the bisectors of angle CBD and angle BCE meet at point O, such that $\angle BOC = 63^\circ$, then $\angle A = ?$

- Ans ☒ 1. 36°
☒ 2. 27°
☒ 3. 54°
☒ 4. 63°

Question ID : 81616113379

Status : Answered

Chosen Option : 3

Q.3 Simplify the expression $441 \div \left[270 \div \frac{3}{7} + \left(17 \div \frac{1}{3} \right) - \left(8\frac{1}{2} - \frac{5}{2} \right) \right]$

- Ans ☒ 1. $\frac{39}{75}$
☒ 2. $\frac{29}{75}$
☒ 3. $\frac{19}{75}$
☒ 4. $\frac{49}{75}$

Question ID : 81616113364

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.4 Points A and B are on a circle with centre O. Point C is on the major arc AB. If $\angle OAC = 35^\circ$ and $\angle OBC = 45^\circ$, then what is the measure (in degrees) of the angle subtended by the minor arc AB at the centre?

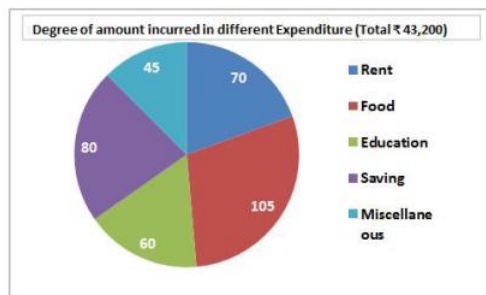
- Ans
- ☒ 1. 70
 - ☒ 2. 160
 - ☒ 3. 80
 - ☒ 4. 100

Question ID : 81616112670

Status : Not Answered

Chosen Option : --

Q.5 The given Pie-Chart shows the degree wise breakup of expenditure of a family in a month. Total income of a family is ₹43,200.



Expenditure on food is what percent more than expenditure on rent?

- Ans
- ☒ 1. $\frac{200}{3}\%$
 - ☒ 2. $\frac{100}{3}\%$
 - ☒ 3. 50%
 - ☒ 4. $\frac{50}{3}\%$

Question ID : 81616113687

Status : Not Answered

Chosen Option : --

Q.6 Five men can complete a work in 20 days. Ten women can complete the same work in 15 days. Two men and six women started working together. After 5 days, three women left the work and a new man joined the work. The group continued working together till the end of the work. In how many days will they be able to do the remaining work?

- Ans
- ☒ 1. $16\frac{2}{3}$
 - ☒ 2. 14
 - ☒ 3. $18\frac{1}{3}$
 - ☒ 4. 19

Question ID : 81616112967

Status : Not Answered

Chosen Option : --

Q.7 A T.V. is sold at 8% gain. Had it been sold for ₹2553 less; there would have been loss of 15%. To gain 18%, the selling price (in ₹) of T.V. would be:

- Ans**
- ✓ 1. 13098
 - ✗ 2. 15000
 - ✗ 3. 9102
 - ✗ 4. 11100

Question ID : **81616113368**
 Status : **Not Answered**
 Chosen Option : --

Q.8 If a train runs with the speed of 72 km/h, it reaches its destination late by 15 minutes. However, if its speed is 90 km/h, it is late by only 5 minutes. The correct time to cover its journey in minutes is:

- Ans**
- ✗ 1. 45
 - ✗ 2. 40
 - ✓ 3. 35
 - ✗ 4. 32

Question ID : **81616113170**
 Status : **Not Answered**
 Chosen Option : --

Q.9 What is the length (in cm) of the smallest altitude of the triangle whose sides are 5 cm, 12 cm and 13 cm? (correct to one decimal place)

- Ans**
- ✗ 1. 12.0
 - ✗ 2. 5.1
 - ✗ 3. 2.6
 - ✓ 4. 4.6

Question ID : **81616112666**
 Status : **Answered**
 Chosen Option : 2

Q.10 In a right angled triangle ABC, the lengths of the sides containing the right angle are 5 cm and 12 cm respectively. A circle is inscribed in the triangle ABC. What is the radius of the circle (in cm)?

- Ans**
- ✓ 1. 2
 - ✗ 2. 2.8
 - ✗ 3. 2.5
 - ✗ 4. 3

Question ID : **81616112673**
 Status : **Answered**
 Chosen Option : 3

Q.11 Alloy A contains metals x and y in the ratio 5 : 2 and alloy B contains these metals in the ratio 3 : 4. Alloy C is prepared by mixing A and B in the ratio 4 : 5. The percentage of y in alloy C is:

Ans

✗ 1. $55\frac{5}{9}\%$

✗ 2. $33\frac{4}{9}\%$

✓ 3. $44\frac{4}{9}\%$

✗ 4. $66\frac{4}{9}\%$

Question ID : 81616113167

Status : Answered

Chosen Option : 3

Q.12 Keshav, Surjeet and Thomas started a business with investments in the ratio 2 : 3 : 4. The ratio of their period of investments is 5 : 6 : 9. Twenty percent of the profit was spent on rent and maintenance of the office. Remaining profit was distributed among themselves. If the difference in the shares of profit of Keshav and Surjeet is ₹7264, then how much is the total profit (in ₹)?

Ans

✓ 1. 72640

✗ 2. 46490

✗ 3. 51060

✗ 4. 58112

Question ID : 81616112963

Status : Not Answered

Chosen Option : --

Q.13 If $a + b + c = 0$, then what is the value of $\frac{(b+c)^2}{bc} + \frac{(c+a)^2}{ca} + \frac{(a+b)^2}{ab}$?

Ans

✗ 1. 1

✗ 2. -3

✗ 3. -1

✓ 4. 3

Question ID : 81616113173

Status : Not Answered

Chosen Option : --

Q.14 If $x - \frac{1}{x} = \sqrt{77}$, then one of the values of $x^3 + \frac{1}{x^3}$ is :

- Ans
- ☒ 1. $80\sqrt{77}$
 - ☒ 2. -702
 - ☒ 3. $77\sqrt{77}$
 - ☒ 4. $3\sqrt{77}$

Question ID : 81616112972

Status : Not Answered

Chosen Option : --

Q.15 The average daily production of toys in a factory in the month of December is 512. If the average production during first 20 days is 515 and that of the last 13 days is 510, then what is the average of production on 19 and 20 December?

- Ans
- ☒ 1. 1058
 - ☒ 2. 513
 - ☒ 3. 529
 - ☒ 4. 512

Question ID : 81616112658

Status : Not Answered

Chosen Option : --

Q.16 A sum of money was lent in two parts in the ratio 4 : 5 for 4 years and 5 years respectively, both at the rate of 8% per annum simple interest. If the difference between the interests earned from the two parts is ₹ 4680, then what was the total sum lent (in ₹)?

- Ans
- ☒ 1. 58500
 - ☒ 2. 42120
 - ☒ 3. 46800
 - ☒ 4. 65000

Question ID : 81616112966

Status : Not Answered

Chosen Option : --

Q.17 A shopkeeper bought a machine for ₹4600 and spent ₹500 on its repairs and transport. He marked the machine at 8% above the overall cost price. If he sold the machine for ₹4681.80 after giving $x\%$ discount, then the value of x is:

- Ans
- ☒ 1. 15
 - ☒ 2. 20
 - ☒ 3. 12
 - ☒ 4. 18

Question ID : 81616113164

Status : Not Answered

Chosen Option : --

Q.18 In a circle with centre O, AB and CD are parallel chords on the opposite sides of a diameter. If AB = 12 cm, CD = 18 cm and the distance between the chords AB and CD is 15 cm, then find the radius of the circle (in cm).

- Ans
- ☒ 1. $9\sqrt{13}$
 - ☒ 2. 9
 - ☒ 3. $3\sqrt{13}$
 - ☒ 4. 12

Question ID : **81616112974**
Status : **Not Answered**
Chosen Option : --

Q.19 If $\sin(A + B) = 1$ and $\cos(A - B) = \frac{\sqrt{3}}{2}$, $A + B \leq 90^\circ$ and $A > B$, then the value of

$\frac{5 \sin^2 B + 4 \tan^2 A}{2 \sin B \cos A}$ is :

- Ans
- ☒ 1. $16\frac{1}{2}$
 - ☒ 2. 18
 - ☒ 3. 20
 - ☒ 4. $26\frac{1}{2}$

Question ID : **81616113887**
Status : **Not Answered**
Chosen Option : --

Q.20 If $\sin^6 \theta + \cos^6 \theta = \frac{1}{3}$, $0^\circ < \theta < 90^\circ$, then what is the value of $\sin \theta \cos \theta$?

- Ans
- ☒ 1. $\frac{\sqrt{2}}{3}$
 - ☒ 2. $\frac{\sqrt{6}}{6}$
 - ☒ 3. $\frac{\sqrt{2}}{\sqrt{3}}$
 - ☒ 4. $\frac{2}{9}$

Question ID : **81616112977**
Status : **Not Answered**
Chosen Option : --

Q.21 If $a^3 - b^3 = 2349$ and $(a - b) = 9$, then $(a + b)^2 - ab$ is equal to:

- Ans
- ☐ 1. 280
 - ☐ 2. 244
 - ☒ 3. 261
 - ☐ 4. 229

Question ID : 81616113374

Status : Answered

Chosen Option : 3

Q.22 If a number P is divisible by 2 and another number Q is divisible by 3, then which of the following is true?

- Ans
- ☐ 1. P+Q is divisible by 6
 - ☐ 2. P+Q is divisible by 5
 - ☒ 3. P×Q is divisible by 6
 - ☐ 4. P×Q is divisible by 5

Question ID : 81616112959

Status : Answered

Chosen Option : 3

Q.23 Study the table and answer the question.

The table shows the daily income of 50 persons.

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

How many persons earn ₹250 or more but less than ₹350 daily?

- Ans
- ☐ 1. 18
 - ☐ 2. 24
 - ☐ 3. 28
 - ☒ 4. 14

Question ID : 81616112678

Status : Answered

Chosen Option : 2

Q.24

$$(\sec\theta + \tan\theta)^2 + \frac{1 + \operatorname{cosec}\theta}{1 - \operatorname{cosec}\theta},$$

 $0^\circ < \theta < 90^\circ$ is:

Ans

✓ 1. 0

✗ 2. -2

✗ 3. 1

✗ 4. 2

Question ID : 81616112473

Status : Answered

Chosen Option : 3

Q.25

The following table shows the daily seats occupancy in different classes of a train. Numbers in bracket represent the total seats available for a particular class.

Day	2nd Class Non-AC (900)	1st Class Non-AC (500)	AC III Tier (500)	AC II Tier (250)	AC 1st Class (150)
Monday	850	460	480	240	145
Tuesday	840	400	450	230	120
Wednesday	830	390	480	220	130
Thursday	790	480	490	250	125
Friday	840	470	500	210	130

What is the ratio of number of seats that remained vacant in all the Non-AC classes on Wednesday and Thursday taken together to number of seats remained vacant in AC classes on Monday, Tuesday and Friday?

Ans

✗ 1. 62 : 35

✗ 2. 39 : 62

✓ 3. 62 : 39

✗ 4. 35 : 62

Question ID : 81616113689

Status : Not Answered

Chosen Option : --

Section : English Comprehension

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

Raj said to his friend, "Please help me in this task."

Ans

✓ 1. Raj requested his friend to help him in that task.

✗ 2. Raj ordered his friend to help him in this task.

✗ 3. Raj threatened his friend to help him in this task.

✗ 4. Raj said to his friend please help me in this task.

Question ID : 81616112684

Status : Answered

Chosen Option : 1

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

She knew that to apologise would _____ to admitting she had failed.

- Ans ☒ 1. tantamount
☐ 2. tandem
☐ 3. tantalising
☐ 4. tangible

Question ID : 81616112706
Status : Answered
Chosen Option : 2

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

It was difficult to _____ Gopal to watch a horror movie.

- Ans ☐ 1. consult
☐ 2. dissuade
☒ 3. persuade
☐ 4. confer

Question ID : 81616113008
Status : Answered
Chosen Option : 3

Q.4 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

Fifty litres of milk are donated by the committee to the orphanage every week.

- Ans ☐ 1. are donated by a committee
☐ 2. are being donated by the committee
☐ 3. No substitution
☒ 4. is donated by the committee

Question ID : 81616112686
Status : Answered
Chosen Option : 4

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

An imaginary ideal society free of poverty and suffering

- Ans ☐ 1. Dreamland
☐ 2. Heaven
☐ 3. Paradise
☒ 4. Utopia

Question ID : 81616113005
Status : Answered
Chosen Option : 4

Q.6 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The weather / is much / more warmer / than it was a few days before.

- Ans
- ☒ 1. than it was a few days before
 - ☒ 2. is much
 - ☒ 3. The weather
 - ☒ 4. more warmer

Question ID : 81616112985

Status : Answered

Chosen Option : 4

Q.7 Select the most appropriate meaning of the given idiom.

Fair and square

- Ans
- ☒ 1. Calm and quiet
 - ☒ 2. Beautiful in appearance
 - ☒ 3. By any means available
 - ☒ 4. According to the rules

Question ID : 81616113205

Status : Answered

Chosen Option : 4

Q.8 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed select 'No improvement required'.

He fell over in studies owing to his illness.

- Ans
- ☒ 1. fell behind
 - ☒ 2. fell for
 - ☒ 3. No improvement required
 - ☒ 4. fell out

Question ID : 81616112988

Status : Answered

Chosen Option : 1

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

Hassled

- Ans
- ☒ 1. Annoyed
 - ☒ 2. Worried
 - ☒ 3. Relaxed
 - ☒ 4. Stressed

Question ID : 81616113203

Status : Answered

Chosen Option : 3

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

Calm

- Ans ☒ 1. Cranky
☒ 2. Relaxed
☒ 3. Joyful
☒ 4. Clean

Question ID : 81616112695
Status : Answered
Chosen Option : 2

Q.11 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Sentimentally
☒ 2. Substantially
☒ 3. Subsequently
☒ 4. Solicitation

Question ID : 81616113411
Status : Answered
Chosen Option : 3

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

I am paid weekly by my organisation.

- Ans ☒ 1. My organisation paid me weekly.
☒ 2. My organisation would pay me weekly.
☒ 3. My organisation will pay me weekly.
☒ 4. My organisation pays me weekly.

Question ID : 81616112986
Status : Answered
Chosen Option : 4

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

Poignant

- Ans ☒ 1. Quiet
☒ 2. Beautiful
☒ 3. Touching
☒ 4. Happy

Question ID : 81616112696
Status : Answered
Chosen Option : 2

Q.14 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Approval
☒ 2. Censure
☒ 3. Criticism
☒ 4. Helicopter

Question ID : 81616113410

Status : Answered

Chosen Option : 4

Q.15 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 it was time to divide the spoils, the lion took one portion for his title as king of the forest.
B. He took another portion because he was a partner, and yet another because he was the strongest.
C. He took the last portion because an accident would befall anyone who laid a paw upon it.
D. Once a lion went hunting with three other beasts.

- Ans ☒ 1. CABD
☒ 2. DABC
☒ 3. BDCA
☒ 4. DCBA

Question ID : 81616113400

Status : Answered

Chosen Option : 2

Q.16 Select the most appropriate ANTONYM of the given word.

Fallacy

- Ans ☒ 1. Cheat
☒ 2. Flaw
☒ 3. Trick
☒ 4. Truth

Question ID : 81616113404

Status : Answered

Chosen Option : 4

Q.17 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. The festival is named after the Indian Hornbill.
- B. The Hornbill festival is the most anticipated cultural carnival of this state.
- C. Located in Northeast India, Nagaland is very a beautiful and an ethnically diverse state.
- D. The Hornbill is often displayed on the traditional tribal headgears worn during Naga festivities.

Ans ☒ 1. ACBD

☒ 2. BCAD

☒ 3. ABCD

☒ 4. CBAD

Question ID : 81616113199

Status : Answered

Chosen Option : 4

Q.18 Select the option that can be used as a one-word substitute for the given group of words.

A dynamic campaign for political, social or religious change

Ans ☒ 1. Conflict

☒ 2. War

☒ 3. Mutiny

☒ 4. Crusade

Question ID : 81616113004

Status : Answered

Chosen Option : 3

Q.19 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The visitors complained / at the poor accommodation / they were provided / during the tour.

Ans ☒ 1. at the poor accommodation

☒ 2. The visitors complained

☒ 3. during the tour

☒ 4. they were provided

Question ID : 81616113186

Status : Answered

Chosen Option : 1

Q.20 Select the most appropriate meaning of the given idiom.

Sit on the fence

Ans ☒ 1. Poke fun at people

☒ 2. Protect something

☒ 3. Create conflicts

☒ 4. Avoid making a decision

Question ID : 81616113204

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 first human beings to control fire gradually learned (1)_____ many uses. Not only did they (2)_____ fire to keep warm and cook their food; they (3)_____ learned to use it in hunting or warfare, to kill insects, to (4)_____ berries, and to clear forests of underbrush so that game (5)_____ be better seen and hunted. Eventually they learned that the burning of brush produced better grasslands and therefore more game.

SubQuestion No : 21

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

- Ans ☒ 1. its
 ☐ 2. his
 ☐ 3. your
 ☐ 4. their

Question ID : **81616113395**

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.

The first human beings to control fire gradually learned (1)_____ many uses. Not only did they (2)_____ fire to keep warm and cook their food; they (3)_____ learned to use it in hunting or warfare, to kill insects, to (4)_____ berries, and to clear forests of underbrush so that game (5)_____ be better seen and hunted. Eventually they learned that the burning of brush produced better grasslands and therefore more game.

SubQuestion No : 22

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

- Ans ☒ 1. use
 ☐ 2. ready
 ☐ 3. used
 ☐ 4. prepare

Question ID : **81616113396**

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.

The first human beings to control fire gradually learned (1)_____ many uses. Not only did they (2)_____ fire to keep warm and cook their food; they (3)_____ learned to use it in hunting or warfare, to kill insects, to (4)_____ berries, and to clear forests of underbrush so that game (5)_____ be better seen and hunted. Eventually they learned that the burning of brush produced better grasslands and therefore more game.

SubQuestion No : 23

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

- Ans ☒ 1. instead
☒ 2. also
☒ 3. well
☒ 4. alternative

Question ID : **81616113397**

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 first human beings to control fire gradually learned (1)_____ many uses. Not only did they (2)_____ fire to keep warm and cook their food; they (3)_____ learned to use it in hunting or warfare, to kill insects, to (4)_____ berries, and to clear forests of underbrush so that game (5)_____ be better seen and hunted. Eventually they learned that the burning of brush produced better grasslands and therefore more game.

SubQuestion No : 24

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

- Ans ☒ 1. attain
☒ 2. acquire
☒ 3. safeguard
☒ 4. obtain

Question ID : **81616113398**

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 first human beings to control fire gradually learned (1)_____ many uses. Not only did they (2)_____ fire to keep warm and cook their food; they (3)_____ learned to use it in hunting or warfare, to kill insects, to (4)_____ berries, and to clear forests of underbrush so that game (5)_____ be better seen and hunted. Eventually they learned that the burning of brush produced better grasslands and therefore more game.

SubQuestion No : 25

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

Ans ☒ 1. must

☒ 2. shall

☒ 3. could

☒ 4. will

Question ID : **81616113399**

Status : **Answered**

Chosen Option : **3**

