



Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	Exampapers247.com
Venue Name	Suddhananda Engineering & Research Center
Exam Date	16/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : General Intelligence and Reasoning

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

1. Sorting
2. Solitary
3. Solution
4. Sophisticate
5. Solvent

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

Question ID : 81616113213

Status : Answered

Chosen Option : 2

Q.2 What was the day of the week on 17 April 2014?

Ans ☒ 1. Wednesday
☒ 2. Friday
☒ 3. Thursday
☒ 4. Saturday

Question ID : 81616114239

Status : Not Answered

Chosen Option : --

Q.3 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

14 16 13
18 6 ?
12 21 17

Ans ☒ 1. 8
☒ 2. 7
☒ 3. 5
☒ 4. 6

Question ID : 81616112721

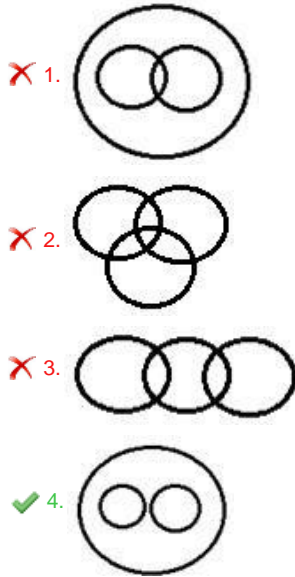
Status : Not Answered

Chosen Option : --

Q.4 Select the Venn diagram that best illustrates the relationship between the following classes.

Coriander seeds, Spices, Cinnamon

Ans



Question ID : 81616112731

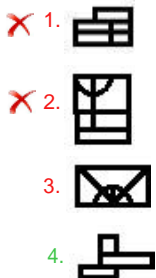
Status : Answered

Chosen Option : 4

Q.5 Select the option that is embedded in the given figure (rotation is NOT allowed).



Ans

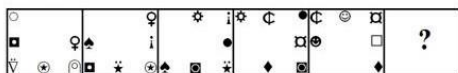


Question ID : 81616114243

Status : Answered

Chosen Option : 4

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



Ans

✗ 1.



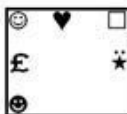
✗ 2.



✓ 3.



✗ 4.



Question ID : 81616113230

Status : Not Answered

Chosen Option : --

Q.7 In a certain code language, 'PRINT' is written as 'YMNIU'. How will 'MAGIC' be written in that language?

Ans ✗ 1. HRLRZ

✓ 2. HRLZR

✗ 3. HLDVR

✗ 4. HDLVR

Question ID : 81616112713

Status : Answered

Chosen Option : 2

Q.8 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. 27 : 181

✗ 2. 21 : 139

✗ 3. 25 : 167

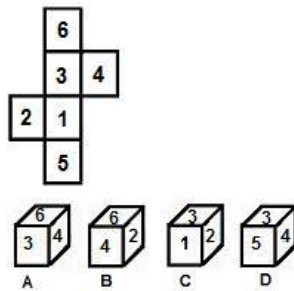
✓ 4. 15 : 197

Question ID : 81616113730

Status : Not Answered

Chosen Option : --

Q.9 Select the boxes that can be formed by folding the given sheet along the lines.



- Ans
1. Only B and C
 2. Only A, C and D
 3. Only C and D
 4. Only A and C

Question ID : 81616113737
Status : Answered
Chosen Option : 4

Q.10 Which two numbers should be interchanged to make the given equation correct?

$$36 \times 81 \div 9 - (88 \div 4) + 14 + (22 + 7) = 169$$

- Ans
1. 81 and 36
 2. 36 and 14
 3. 9 and 36
 4. 14 and 22

Question ID : 81616113733
Status : Answered
Chosen Option : 2

Q.11 Select the option that is related to the third number in the same way as the second number is related to the first number.

$$16 : 144 :: 28 : ?$$

- Ans
1. 544
 2. 364
 3. 263
 4. 420

Question ID : 81616112719
Status : Not Answered
Chosen Option : --

Q.12 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. Jealousy
 2. Empathy
 3. Envy
 4. Hatred

Question ID : 81616113720
Status : Answered
Chosen Option : 2

Q.13 Select the option that is related to the third word in the same way as the second word is related to the first word.

Leaves : Rustle : : Owl : ?

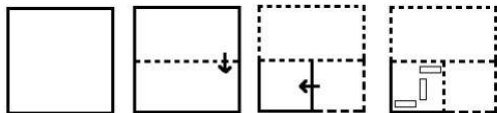
- Ans ☒ 1. Hoot
- ☒ 2. Quack
- ☒ 3. Grunt
- ☒ 4. Chirp

Question ID : 81616113216

Status : Answered

Chosen Option : 1

Q.14 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 : 81616114245

Status : Not Answered

Chosen Option : --

Q.15 Select the number from among the given options that can replace the question mark (?) in the following series.

10, 22, 35, 40, 72, 40, ?

- Ans ☒ 1. 143
☒ 2. 133
☒ 3. 134
☒ 4. 131

Question ID : 81616113223

Status : Not Answered

Chosen Option : --

Q.16 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

THME, WKJB, ZNGY, CQDV, ?

- Ans ☒ 1. FTBS
☒ 2. FUAS
☒ 3. FTAS
☒ 4. FTAR

Question ID : 81616114222

Status : Answered

Chosen Option : 3

Q.17 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

Q e 1 f P 5 4 N
M
|
N

- Ans ☒ 1. N 7 2 9 f 1 e Q
☒ 2. N 4 2 9 f 1 e Q
☒ 3. N 4 5 9 f 1 e Q
☒ 4. N 4 2 9 f 1 e Q

Question ID : 81616114244

Status : Answered

Chosen Option : 4

Q.18 'A # B' means 'A is the son of B'.
'A @ B' means 'A is the mother of B'.
'A & B' means 'A is the wife of B'.
'A % B' means 'A is the sister of B'.

If 'M @ R % K # G # N & T', then which of the following statements is NOT correct?

- Ans ☒ 1. T is the paternal grandfather of M.
☐ 2. N is the paternal grandmother of K.
☐ 3. R is the daughter of G.
☐ 4. M is the mother of K.

Question ID : 81616114231

Status : Answered

Chosen Option : 1

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

U A _ B _ T U _ C B D _ _ A C B _ T U A C _ _ T

- Ans ☒ 1. C, D, A, T, U, D, B, D
☐ 2. C, D, A, U, U, D, B, D
☐ 3. C, D, A, T, U, D, C, D
☐ 4. D, C, A, T, U, D, D, B

Question ID : 81616114230

Status : Answered

Chosen Option : 1

Q.20 Select the option in which the words share the same relationship as that shared by the given pair of words.

Anger : Emotion

- Ans ☐ 1. Mattress : Bed
☐ 2. Bicycle : Roads
☐ 3. Television : Entertainment
☒ 4. Pomegranate : Fruit

Question ID : 81616114227

Status : Answered

Chosen Option : 4

Q.21 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. DFBA
☐ 2. LNJI
☐ 3. RTPO
☒ 4. FHDB

Question ID : 81616113214

Status : Answered

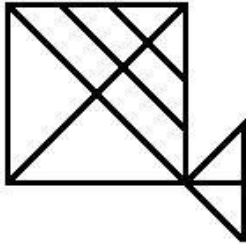
Chosen Option : 4

Q.22 In a certain code language, 'FRENCH' is coded as '114' and 'LOSS' is coded as '47'.
How will 'COURSE' be coded in that language?

- Ans ☒ 1. 87
☒ 2. 81
☒ 3. 120
☒ 4. 103

Question ID : 81616113724
Status : Not Answered
Chosen Option : --

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



- Ans ☒ 1. 18
☒ 2. 16
☒ 3. 15
☒ 4. 17

Question ID : 81616113736
Status : Answered
Chosen Option : 1

Q.24 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(6, 9, 45)

- Ans ☒ 1. (6, 8, 60)
☒ 2. (8, 10, 36)
☒ 3. (2, 8, 46)
☒ 4. (7, 4, 48)

Question ID : 81616113732
Status : Not Answered
Chosen Option : --

Q.25 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:

No bank is an office.
All offices are stalls.

Conclusions:

- I. No bank is a stall.
- II. No stall is a bank.
- III. Some stalls are offices.
- IV. All the stalls are offices.

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

Question ID : 81616112717

Status : **Answered**

Chosen Option : 1

Section : **General Awareness**

Q.1 Which of the following is a water-soluble vitamin?

- Ans** ☐ 1. Vitamin D
- ☒ 2. Vitamin C
- ☐ 3. Vitamin A
- ☐ 4. Vitamin K

Question ID : 81616112739

Status : **Answered**

Chosen Option : 2

Q.2 According to the Puranas, Lord Vishnu took the shape of _____ in order to rescue the earth, which had sunk into water.

- Ans** ☒ 1. a boar
- ☐ 2. a tiger
- ☐ 3. an elephant
- ☐ 4. a lion

Question ID : 81616114261

Status : **Not Answered**

Chosen Option : --

Q.3 Halogens have _____ electrons in their outermost shells.

- Ans** ☒ 1. seven
- ☐ 2. eight
- ☐ 3. six
- ☐ 4. five

Question ID : 81616114255

Status : **Answered**

Chosen Option : 1

Q.4 Which of the following locations has the highest altitude?

- Ans ☒ 1. Kolkata
☒ 2. Ranikhet
☒ 3. Patna
☒ 4. Moradabad

Question ID : 81616114257
Status : Not Answered
Chosen Option : --

Q.5 How many trains were flagged off by Prime Minister Narendra Modi in January 2021 connecting the location of the Statue of Unity to different parts of India?

- Ans ☒ 1. Five
☒ 2. Six
☒ 3. Seven
☒ 4. Eight

Question ID : 81616114270
Status : Not Answered
Chosen Option : --

Q.6 Who among the following is credited with postulating three laws of planetary motion?

- Ans ☒ 1. Isaac Newton
☒ 2. Galileo Galilei
☒ 3. Tycho Brahe
☒ 4. Johannes Kepler

Question ID : 81616113748
Status : Not Answered
Chosen Option : --

Q.7 What is the objective of the 'Doughnut Model' of development?

- Ans ☒ 1. It envisions total abandonment of technology to live at peace with environment.
☒ 2. It envisions rapid development at environmental cost, then make up for it later.
☒ 3. It envisions a world in which people and planet can thrive in balance.
☒ 4. It envisions the food processing industry as the centre of development.

Question ID : 81616113745
Status : Not Answered
Chosen Option : --

Q.8 India and _____ were declared joint winners of the 2020 Online FIDE Chess Olympiad.

- Ans ☒ 1. Serbia
☒ 2. Estonia
☒ 3. The US
☒ 4. Russia

Question ID : 81616112753
Status : Not Answered
Chosen Option : --

Q.9 'Bolak-aat' is a_____from the state of Karnataka.

- Ans ☒ 1. sculpting form
- ☒ 2. dance form
- ☒ 3. music form
- ☒ 4. painting form

Question ID : 81616112732
Status : Not Answered
Chosen Option : --

Q.10 Which of the following Articles of the Constitution of India provides for the creation of a GST Council?

- Ans ☒ 1. Article 279A
- ☒ 2. Article 323A
- ☒ 3. Article 246A
- ☒ 4. Article 269A

Question ID : 81616113760
Status : Not Answered
Chosen Option : --

Q.11 Who among the following is the author of the book 'Democrats and Dissenters'?

- Ans ☒ 1. Gurucharan Das
- ☒ 2. Ramchandra Guha
- ☒ 3. Arun Shourie
- ☒ 4. Nalini Singh

Question ID : 81616114264
Status : Not Answered
Chosen Option : --

Q.12 Which of the following states' former Governor, Mata Prasad, died in January 2021?

- Ans ☒ 1. Arunachal Pradesh
- ☒ 2. Uttar Pradesh
- ☒ 3. Uttarakhand
- ☒ 4. Goa

Question ID : 81616113253
Status : Not Answered
Chosen Option : --

Q.13 With which of the following sports is the term 'Chinaman' associated?

- Ans ☒ 1. Table tennis
- ☒ 2. Polo
- ☒ 3. Cricket
- ☒ 4. Swimming

Question ID : 81616113257
Status : Not Answered
Chosen Option : --

Q.14 Which of the following is the meaning of 'Pishtaq' in the context of medieval Indo-Islamic architecture?

- Ans ☒ 1. Tall gateway
☒ 2. True arch
☒ 3. Dome
☒ 4. Water tank

Question ID : 81616113743
Status : Not Answered
Chosen Option : --

Q.15 Which of the following is NOT a feature of food security?

- Ans ☒ 1. Acceptability
☒ 2. Affordability
☒ 3. Accessibility
☒ 4. Availability

Question ID : 81616114249
Status : Not Answered
Chosen Option : --

Q.16 Which of the following is a work on statecraft written by Krishnadevaraya?

- Ans ☒ 1. Tolkappiyam
☒ 2. Kadambari
☒ 3. Amuktamalyada
☒ 4. Karpuramanjari

Question ID : 81616113755
Status : Not Answered
Chosen Option : --

Q.17 Tapovan Vishnugad Hydroelectric Project is located in:

- Ans ☒ 1. Jammu and Kashmir
☒ 2. Himachal Pradesh
☒ 3. Uttarakhand
☒ 4. Ladakh

Question ID : 81616113751
Status : Not Answered
Chosen Option : --

Q.18 Which of the following diseases is caused by a parasite?

- Ans ☒ 1. Malaria
☒ 2. Goitre
☒ 3. Pneumonia
☒ 4. Plague

Question ID : 81616113242
Status : Answered
Chosen Option : 3

Q.19 Which part of the body is associated with the rickets disorder?

- Ans
- ☐ 1. Eyes
 - ☐ 2. Heart
 - ☐ 3. Skin
 - ☒ 4. Bones

Question ID : 81616112736
Status : Answered
Chosen Option : 4

Q.20 When is National Girl Child Day observed annually in India?

- Ans
- ☐ 1. 12 May
 - ☐ 2. 9 September
 - ☒ 3. 24 January
 - ☐ 4. 5 June

Question ID : 81616113259
Status : Answered
Chosen Option : 3

Q.21 Who among the following was appointed as the Chairman and Managing Director of Telecommunications Consultants India Limited in January 2021?

- Ans
- ☐ 1. Jitendra Singh
 - ☐ 2. Sarabjit Singh Sandhu
 - ☒ 3. Sanjeev Kumar
 - ☐ 4. Rajeev Kumar

Question ID : 81616113261
Status : Not Answered
Chosen Option : --

Q.22 _____ is created by the collision of convergent plate boundaries.

- Ans
- ☒ 1. Mountain building
 - ☐ 2. Land erosion
 - ☐ 3. Oceanic trench
 - ☐ 4. Mid-ocean ridge

Question ID : 81616113248
Status : Not Answered
Chosen Option : --

Q.23 Who among the following was the first Indian to unfurl the tricolour on foreign land?

- Ans
- ☐ 1. Lakshmi Sehgal
 - ☒ 2. Bhikaiji Cama
 - ☐ 3. Begum Hazrat Mahal
 - ☐ 4. Annie Besant

Question ID : 81616112747
Status : Not Answered
Chosen Option : --

Q.24 Who among the following was the Nizam of Hyderabad in 1947?

- Ans
- ☒ 1. Mir Mahbub Ali Khan
 - ☒ 2. Akbar Ali Khan
 - ☒ 3. Nasir Jung
 - ☒ 4. Osman Ali

Question ID : 81616112744
Status : Not Answered
Chosen Option : --

Q.25 Who among the following never became the Vice President of India?

- Ans
- ☒ 1. VV Giri
 - ☒ 2. Zakir Husain
 - ☒ 3. Gulzarilal Nanda
 - ☒ 4. BD Jatti

Question ID : 81616114266
Status : Answered
Chosen Option : 3

Section : Quantitative Aptitude

Q.1 If $3 \cos^2 \theta - 4 \sin \theta + 1 = 0, 0^\circ < \theta < 90^\circ$, then $\tan \theta + \sec \theta = ?$

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

Question ID : 81616113785
Status : Answered
Chosen Option : 4

Q.2 $x + y + z = 2$ and $xy + yz + zx = -11$, then the value of $x^3 + y^3 + z^3 - 3xyz$ is :

- Ans
- ☒ 1. 78
 - ☒ 2. 71
 - ☒ 3. 69
 - ☒ 4. 74

Question ID : 81616113780
Status : Answered
Chosen Option : 4

Q.3 In $\triangle ABC$, $\angle A = 90^\circ$, $AD \perp BC$ at D. If $AB = 12$ cm and $AC = 16$ cm, then what is the length (in cm) of BD?

- Ans
- ☒ 1. 7.8
 - ☒ 2. 8.4
 - ☒ 3. 6.4
 - ☒ 4. 7.2

Question ID : 81616114289
Status : Not Answered
Chosen Option : --

Q.4

If $\frac{\csc \theta + \cot \theta}{\csc \theta - \cot \theta} = 7$, then the value of $\frac{4 \sin^2 \theta - 1}{4 \sin^2 \theta + 5}$ is:

Ans

✗ 1. $-\frac{1}{9}$

✗ 2. $-\frac{1}{3}$

✗ 3. $\frac{1}{3}$

✓ 4. $\frac{1}{9}$

Question ID : 81616113281

Status : Not Answered

Chosen Option : --

Q.5 Study the following table and answer the question:

Number of students enrolled for Vocational Courses (VC) in five institutes - A, B, C, D & E.

Year Institute	2013	2014	2015	2016	2017	2018
A	120	135	130	135	128	140
B	125	132	138	132	135	142
C	125	120	125	138	140	135
D	100	125	122	140	128	138
E	105	110	115	147	130	145

The total number of students enrolled for VC in institute C in 2013, 2014 and 2017 is what percent of the total number of students enrolled in all the five institutes in 2018?

Ans

✓ 1. 55

2. 58

3. 53

4. 62

Question ID : 81616114093

Status : Not Answered

Chosen Option : --

Q.6 Angle between the internal bisectors of two angles $\angle B$ and $\angle C$ of a $\triangle ABC$ is 132° , then the value of $\angle A$ is:

Ans

1. 72°

2. 62°

3. 48°

✓ 4. 84°

Question ID : 81616113278

Status : Answered

Chosen Option : 4

Q.7 $1 + 2 \tan^2 \theta + 2 \sin \theta \sec^2 \theta, 0^\circ < \theta < 90^\circ$, is equal to :

Ans

☐ 1. $\frac{1+\cos \theta}{1-\cos \theta}$

☐ 2. $\frac{1-\sin \theta}{1+\sin \theta}$

☐ 3. $\frac{1-\cos \theta}{1+\cos \theta}$

☒ 4. $\frac{1+\sin \theta}{1-\sin \theta}$

Question ID : 81616113787

Status : Answered

Chosen Option : 4

Q.8 Table shows the number of trees planted in 4 cities from 2016 to 2020.

Years	Chandigarh	Ahmadabad	Pune	Kolkata
2016	1800	2500	1800	2000
2017	2500	2300	1850	1800
2018	2300	2400	1840	1760
2019	2440	1950	1900	1600
2020	2250	2100	2000	1750

From 2016 to 2020, how many more trees were planted in Ahmedabad as compared to trees planted in Pune?

Ans

☐ 1. 2000

☒ 2. 1860

☐ 3. 1850

☐ 4. 2340

Question ID : 81616112476

Status : Answered

Chosen Option : 3

Q.9 What is the area (in cm^2) of a circle inscribed in a square of area $784 cm^2$? (Take $\pi = \frac{22}{7}$)

Ans

☐ 1. 660

☐ 2. 924

☒ 3. 616

☐ 4. 462

Question ID : 81616114282

Status : Answered

Chosen Option : 3

Q.10 Ratio of the present age of a mother to that of the daughter is 7 : 1. After 5 years the ratio will become 4 : 1. What is the difference (in years) in their present ages?

Ans

☐ 1. 28

☐ 2. 29

☒ 3. 30

☐ 4. 31

Question ID : 81616112763

Status : Not Answered

Chosen Option : --

Q.11 On selling an article for ₹246.80, the gain is 20% more than the amount of loss incurred on selling it for ₹216. If the article is sold for ₹220.75, then what is the gain/loss percent (correct to nearest integer)?

- Ans**
1. Profit 7%
 - ✓ 2. Loss 4%
 3. Profit 3%
 4. Loss 5%

Question ID : **81616113267**
Status : **Not Answered**
Chosen Option : --

Q.12 The selling price of an article marked for ₹10000 after giving three discounts, 20%, 10% and k% is ₹6120. What will be selling price (in ₹) of the same article if a single discount of $(k + 20)\%$ is allowed?

- Ans**
1. 8500
 2. 8000
 - ✓ 3. 6500
 4. 6800

Question ID : **81616112760**
Status : **Not Answered**
Chosen Option : --

Q.13 Table shows income (in ₹) received by 4 employees of a company during the month of December 2020 and all their income sources.

Source	Amit	Suresh	Nitin	Varun
Salary	35000	38500	29000	42000
Arrears	6000	6300	5000	7500
Bonus	1000	1100	1000	1240
Overtime	1800	1950	1400	1500

By what percent are the Arrears of Amit and Suresh taken together less than the Arrears of Nitin and Varun taken together?

- Ans**
- ✓ 1. 1.6
 2. 1.2
 3. 1.4
 4. 1.5

Question ID : **81616112478**
Status : **Answered**
Chosen Option : 3

Q.14 A sum of ₹7500 amounts to ₹9075 at 10% p.a. interest being compounded yearly in a certain time. The simple interest (in ₹) on the same sum for the same time and the same rate is :

- Ans**
1. 1480
 2. 1520
 3. 1530
 - ✓ 4. 1500


Question ID : **81616113774**
Status : **Answered**
Chosen Option : 3

Q.15 The average of 22 numbers is 37.5. The average of first 12 numbers is 40.6 and that of the last 12 numbers is 35.4. If 11th and 12th numbers are excluded, then what is the average of the remaining numbers?

- Ans  1. 36.9
2. 37.8
3. 36.4
4. 37.4

Question ID : 81616114274
Status : Not Answered
Chosen Option : --

Q.16 In a circle with center O, AB is a diameter and CD is a chord such that $\angle ABC = 34^\circ$ and $CD = BD$. What is the measure of $\angle DBC$?

- Ans  1. 28°
2. 32°
3. 24°
4. 30°

Question ID : 81616114286
Status : Answered
Chosen Option : 1

Q.17 Study the following table and answer the question:

Number of students enrolled for Vocational Courses (VC) in five institutes - A, B, C, D & E.

Year Institute	2013	2014	2015	2016	2017	2018
A	120	135	130	135	128	140
B	125	132	138	132	135	142
C	125	120	125	138	140	135
D	100	125	122	140	128	138
E	105	110	115	147	130	145

The ratio of the total number of students enrolled for VC in institutes A, C and E in 2016 to the total number of students enrolled in institutes B and D in 2018, is

- Ans 1. 21 : 19
2. 8 : 7
 3. 3 : 2
4. 14 : 9

Question ID : 81616114091
Status : Not Answered
Chosen Option : --

Q.18 If $a^3 + b^3 = 405$ and $a + b = 9$, then the value of ab is

- Ans 1. 8
2. 10
3. 15
 4. 12

Question ID : 81616113273
Status : Not Answered
Chosen Option : --

Q.19 If the 6-digit number $5x423y$ is divisible by 88, then what is the value of $(5x - 8y)$?

- Ans
- 1. 14
 - ✓ 2. 24
 - 3. 16
 - 4. 28

Question ID : 81616113767

Status : Not Answered

Chosen Option : --

Q.20 In a circle with center O and radius 5 cm , AB and CD are two parallel chords of lengths 6 cm and $x\text{ cm}$, respectively and the chords are on the opposite side of the centre O . The distance between the chords is 7 cm . What is the value of x ?

- Ans
- 1. 9
 - 2. 12
 - ✓ 3. 8
 - 4. 10

Question ID : 81616113782

Status : Not Answered

Chosen Option : --

Q.21 The income of A is 30% less than the income of B and the income of B is 137.5% more than that of C. If the income of A is ₹28500 less than that of B, then the income (in ₹) of C is :

- Ans
- 1. 50000
 - ✓ 2. 40000
 - 3. 36000
 - 4. 48000

Question ID : 81616113771

Status : Not Answered

Chosen Option : --

Q.22 If $\left(2x - \frac{3}{x}\right) = 2$, then what is the value of $\left(16x^4 + \frac{81}{x^4}\right)$?

- Ans
- 1. 220
 - 2. 180
 - 3. 328
 - ✓ 4. 184

Question ID : 81616112769

Status : Not Answered

Chosen Option : --

Q.23

The value of $\frac{52-1170 \div 26+13 \times 2}{2+1\frac{1}{8} \text{ of } 2-1\frac{1}{4}}$ is:

- Ans ☒ 1. 11
☐ 2. 12
☐ 3. 41
☐ 4. 27

Question ID : 81616113263

Status : Not Answered

Chosen Option : --

Q.24

A can do a certain work in 15 days. B is 25% more efficient than A. Both worked together for 4 days. C alone completed the remaining work in 8 days. A, B and C together will complete the same work in ?

- Ans ☐ 1. 4 days
☒ 2. $4\frac{1}{2}$ days
☒ 3. 5 days
☒ 4. $6\frac{1}{2}$ days

Question ID : 81616113775

Status : Not Answered

Chosen Option : --

Q.25

A train runs first 75 km at a certain uniform speed and next 90 km at an average speed of 10 km/h more than the normal speed. If it takes 3 hours to complete the journey, then how much time will the train take to cover 300 km with normal speed?

- Ans ☐ 1. 5 hours 15 minutes
☒ 2. 6 hours
☐ 3. 5 hours 25 minutes
☐ 4. 5 hours

Question ID : 81616112766

Status : Not Answered

Chosen Option : --

Section : English Comprehension

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

The place is too much noisy.

- Ans ☒ 1. much noisy
☒ 2. too noisy
☒ 3. much too much noisy
☒ 4. No substitution

Question ID : 81616113796

Status : Answered

Chosen Option : 2

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

A _____ souvenir will be released on the occasion of the World Meet.

Ans ☒ 1. voluminous

☒ 2. bountiful

☒ 3. considerable

☒ 4. generous

Question ID : 81616114322

Status : Answered

Chosen Option : 1

Q.3 Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.

I wish I have come an hour sooner.

Ans ☒ 1. had

☒ 2. will

☒ 3. has

☒ 4. No improvement required

Question ID : 81616114302

Status : Answered

Chosen Option : 4

Q.4 Select the most appropriate meaning of the given idiom.

Full of beans

Ans ☒ 1. Full of cowardice

☒ 2. A dish made of French beans

☒ 3. Full of energy

☒ 4. A storeroom full of vegetables

Question ID : 81616112801

Status : Answered

Chosen Option : 3

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

It have been only / through writing / that men have been able / to spread their ideas to mankind.

Ans ☒ 1. It have been only

☒ 2. that men have been able

☒ 3. to spread their ideas to mankind

☒ 4. through writing

Question ID : 81616113793

Status : Not Answered

Chosen Option : --

Q.6 Select the option that can be used as a one-word substitute for the given group of words.

A person who listens to someone's private conversation without them knowing

- Ans ☒ 1. Secret agent
☒ 2. Eavesdropper
☒ 3. Spy
☒ 4. Infiltrator

Question ID : 81616113813

Status : Not Answered

Chosen Option : --

Q.7 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Arbitrary
☒ 2. Cerebral
☒ 3. Scrutinize
☒ 4. Withdrawl

Question ID : 81616113310

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.

A large building with an extensive floor area, typically for housing aircraft

- Ans ☒ 1. Barn
☒ 2. Airport
☒ 3. Hangar
☒ 4. Shed

Question ID : 81616113812

Status : Answered

Chosen Option : 3

Q.9 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. This invention has helped us to heal wounds caused by bacteria.
B. Penicillin is one of the most useful drugs man has invented.
C. In the beginning however, very few people knew of this discovery and its use.
D. Its use has saved the lives of hundreds of thousands of soldiers.

- Ans ☒ 1. BADC
☒ 2. DCBA
☒ 3. ABCD
☒ 4. CABD

Question ID : 81616113299

Status : Answered

Chosen Option : 1

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

Transmit

- Ans ☒ 1. Catch
☒ 2. Convey
☒ 3. Accept
☒ 4. Receive

Question ID : **81616114312**
Status : **Answered**
Chosen Option : **2**

Q.11 Select the most appropriate meaning of the given idiom.

To cut a long story short

- Ans ☒ 1. Tell something briefly
☒ 2. Tell something in a roundabout way
☒ 3. Like to tell long stories
☒ 4. Like to tell short stories

Question ID : **81616112800**
Status : **Answered**
Chosen Option : **2**

Q.12 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.

The Principal requested / the teacher's / to monitor / and take care of the small children.

- Ans ☒ 1. and take care of the small children
☒ 2. The Principal requested
☒ 3. the teacher's
☒ 4. to monitor

Question ID : **81616112782**
Status : **Answered**
Chosen Option : **3**

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

Invade

- Ans ☒ 1. Surrender
☒ 2. Assault
☒ 3. Seize
☒ 4. Attack

Question ID : **81616113303**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the option that expresses the given sentence in passive voice.

Someone stole his traveller's cheques when he was travelling in Europe.

- Ans ☒ 1. His traveller's cheques were stolen when he was travelling in Europe.
☐ 2. His traveller's cheques was stole when he was travelling in Europe.
☐ 3. His traveller's cheques are stole when he was travelling in Europe.
☐ 4. Someone had been stole his traveller's cheques when he was travelling in Europe.

Question ID : 81616113794

Status : Answered

Chosen Option : 1

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

Toxic

- Ans ☐ 1. Lethal
☐ 2. Venomous
☒ 3. Healthy
☐ 4. Harmful

Question ID : 81616112799

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. Then I took him by the hand and led him across the street.
B. I was going to the market when I saw a blind man trying to cross the street.
C. He expressed his gratitude with folded hands.
D. I walked across to the blind man.

- Ans ☐ 1. DABC
☒ 2. BDAC
☐ 3. ABCD
☐ 4. CBDA

Question ID : 81616112795

Status : Answered

Chosen Option : 2

Q.17 Select the INCORRECTLY spelt word.

- Ans ☐ 1. Anxious
☐ 2. Moisture
☒ 3. Vishious
☐ 4. Mimic

Question ID : 81616113309

Status : Answered

Chosen Option : 3

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

You need not _____ so much fuss about wearing a mask when you go out.

- Ans
- ☒ 1. do
 - ☒ 2. make
 - ☒ 3. cause
 - ☒ 4. generate

Question ID : 81616113816
Status : Not Answered
Chosen Option : --

Q.19 Select the most appropriate synonym of the given word.

Numerous

- Ans
- ☒ 1. Several
 - ☒ 2. Totalled
 - ☒ 3. Few
 - ☒ 4. Numbered

Question ID : 81616114311
Status : Answered
Chosen Option : 1

Q.20 Select the option that expresses the given sentence in reported speech.

"Whom did you see at the shopping mall today?" I asked my daughter.

- Ans
- ☒ 1. I asked my daughter whom she had seen at the shopping mall that day.
 - ☒ 2. I asked my daughter that whom did she saw at the shopping mall that day.
 - ☒ 3. I asked my daughter who she has seen at the shopping mall today.
 - ☒ 4. I asked my daughter that whom she saw at the shopping mall on that day.

Question ID : 81616114300
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.

It is true that the more you study, the more you (1)_____ your horizon and hence your point of view undergoes a (2)_____. A person with higher education certainly has a better (3)_____ and ideas to help in community and societal (4)_____. Ideas that are gathered from such people provide a global (5)_____ for the nation as a whole.

SubQuestion No : 21

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

- Ans
- ☒ 1. exchange
 - ☒ 2. convert
 - ☒ 3. expand
 - ☒ 4. narrow

Question ID : 81616113294
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.

It is true that the more you study, the more you (1)_____your horizon and hence your point of view undergoes a (2)_____. A person with higher education certainly has a better (3)_____and ideas to help in community and societal (4)_____. Ideas that are gathered from such people provide a global (5)_____for the nation as a whole.

SubQuestion No : 22

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

- Ans ☒ 1. transformation
☐ 2. succession
☐ 3. enlargement
☐ 4. backwardness

Question ID : 81616113295

Status : Not Answered

Chosen Option : --

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.

It is true that the more you study, the more you (1)_____your horizon and hence your point of view undergoes a (2)_____. A person with higher education certainly has a better (3)_____and ideas to help in community and societal (4)_____. Ideas that are gathered from such people provide a global (5)_____for the nation as a whole.

SubQuestion No : 23

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

- Ans ☐ 1. routine
☐ 2. luck
☐ 3. scope
☒ 4. outlook

Question ID : 81616113296

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.

It is true that the more you study, the more you (1)_____your horizon and hence your point of view undergoes a (2)_____. A person with higher education certainly has a better (3)_____and ideas to help in community and societal (4)_____. Ideas that are gathered from such people provide a global (5)_____for the nation as a whole.

SubQuestion No : 24

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

- Ans ☐ 1. ripening
☐ 2. maturity
☒ 3. development
☐ 4. elaboration

Question ID : 81616113297

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.

It is true that the more you study, the more you (1)_____your horizon and hence your point of view undergoes a (2)_____. A person with higher education certainly has a better (3)_____and ideas to help in community and societal (4)_____. Ideas that are gathered from such people provide a global (5)_____for the nation as a whole.

SubQuestion No : 25

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

- Ans
- ☒ 1. posture
 - ☒ 2. perspective
 - ☒ 3. proportion
 - ☒ 4. prejudice

Question ID : 81616113298

Status : **Answered**

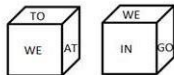
Chosen Option : 2

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	Suddhananda Engineering & Research Center
Exam Date	16/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : General Intelligence and Reasoning

Q.1 Two different positions of the same dice are shown, the six faces of which are marked as 'AT', 'IN', 'SO', 'WE', 'GO' and 'TO'. Select the word that will be on the face opposite to the face showing the word 'TO'.



- Ans
1. SO
 2. AT
 - ✓ 3. GO
 4. IN

Question ID : 81616112222

Status : Not Answered

Chosen Option : --

Q.2 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.

15 : 135 :: 16 : ? :: 18 : 189

- Ans
- ✗ 1. 121
 - ✓ 2. 152
 - ✗ 3. 141
 - ✗ 4. 131

Question ID : 81616112921

Status : Not Answered

Chosen Option : --

Q.3 In a certain code language, 'MORBID' is written as 'THGMID'. How will 'OBTAIN' be written in that language?

- Ans
- ✗ 1. JOFGSD
 - ✗ 2. JGOFDS
 - ✓ 3. GJFOSD
 - ✗ 4. GFOJDS

Question ID : 81616112915

Status : Answered

Chosen Option : 2

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 follows from the statements.

Statements:

All computers are laptops.

All hard disks are pen drives.

No pen drive is a keyboard.

No computer is a hard disk.

Conclusions:

I. Some pen drives are not laptops.

II. No keyboard is a computer.

III. No hard disk is a laptop.

IV. All pen drives are not keyboards.

Ans ☒ 1. Only conclusion III follows

☒ 2. Only conclusion I follows

☒ 3. Only conclusion II follows

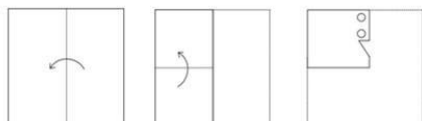
☒ 4. Only conclusion IV follows

Question ID : 81616112919

Status : Answered

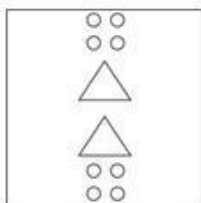
Chosen Option : 3

Q.5 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?

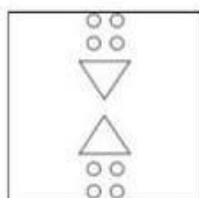


Ans

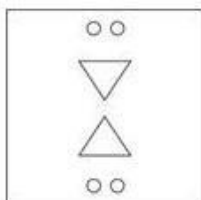
☒ 1.



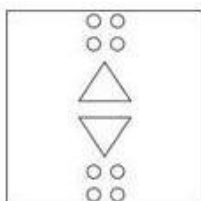
☒ 2.



☒ 3.



☒ 4.



Question ID : 81616112528

Status : Answered

Chosen Option : 2

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

B, E, G, J, L, ?

Ans  1. O

 2. N

 3. Q

 4. P

Question ID : 81616112513

Status : Answered

Chosen Option : 1

Q.7 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Umbilical
2. Urgent
3. Unaltered
4. Umbrella
5. Unanimous

Ans  1. 4, 1, 5, 3, 2

 2. 4, 1, 3, 5, 2

 3. 1, 4, 2, 3, 5

 4. 1, 4, 3, 5, 2

Question ID : 81616113112

Status : Answered

Chosen Option : 4

Q.8 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

GCB, JHE, MMH, PRK, ?

Ans  1. RVM

 2. SWN

 3. TXO

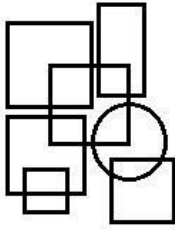
 4. SXM

Question ID : 81616112505

Status : Answered

Chosen Option : 4

Q.9 Find the number of squares in the given figure. (Rectangles NOT to be included)



- Ans
- 1. 9
 - 2. 16
 - ✓ 3. 7
 - 4. 5

Question ID : 81616112221

Status : Answered

Chosen Option : 3

Q.10 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. 256 : 61
 - ✓ 2. 324 : 64
 - ✗ 3. 169 : 55
 - ✗ 4. 289 : 70

Question ID : 81616112215

Status : Answered

Chosen Option : 1

Q.11 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.

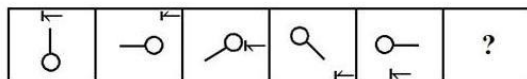
- Ans
- ✗ 1. BTGN
 - ✗ 2. EMNK
 - ✓ 3. FJQL
 - ✗ 4. IDWG

Question ID : 81616113113

Status : Answered

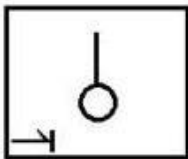
Chosen Option : 4

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

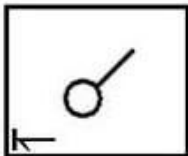


Ans

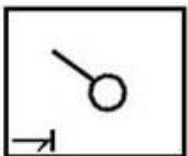
✗ 1.



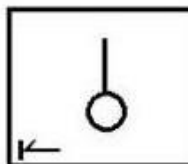
✗ 2.



✗ 3.



✓ 4.



Question ID : 81616113129

Status : Answered

Chosen Option : 1

Q.13 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

6 11 14
8 3 ?
62 47 89

Ans ✗ 1. 6

✓ 2. 5

✗ 3. 4

✗ 4. 15

Question ID : 81616112217

Status : Not Answered

Chosen Option : --

Q.14 Select the option that is related to the third word in the same way as the second word is related to the first word.

Chicken : Flock :: Bear : ?

Ans ✗ 1. Clutter

✗ 2. Ambush

✓ 3. Sleuth

✗ 4. Drove

Question ID : 81616113115

Status : Answered

Chosen Option : 3

Q.15 Introducing Rajat to a guest, Ajay said, "He is the only son of my father's daughter-in-law". How is Ajay related to Rajat?

- Ans
- ☒ 1. Maternal grandfather
 - ☒ 2. Brother
 - ☒ 3. Either father or uncle
 - ☒ 4. Paternal grandfather

Question ID : 81616112514

Status : Answered

Chosen Option : 3

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

22 32 7
18 24 5
32 40 ?

- Ans
- ☒ 1. 10
 - ☒ 2. 8
 - ☒ 3. 4
 - ☒ 4. 12

Question ID : 81616112923

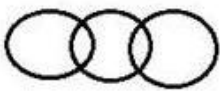
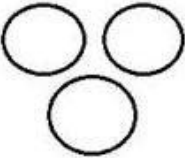
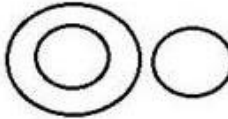
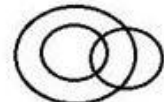
Status : Answered

Chosen Option : 4

Q.17 Select the Venn diagram that best illustrates the relationship among the following classes.

Whisk, Utensil, Sickle

Ans

- ☒ 1. 
- ☒ 2. 
- ☒ 3. 
- ☒ 4. 

Question ID : 81616112933

Status : Not Answered

Chosen Option : --

Q.18 The present age of a father is three times that of his elder son. Four years hence, the age of the father will be four times that of his younger son. If the difference between the present ages of the elder and younger child is 6 years, what is the present age of the father?

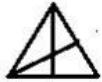
- Ans
- ☒ 1. 32 years
 - ☒ 2. 36 years
 - ☒ 3. 38 years
 - ☒ 4. 42 years

Question ID : 81616112522

Status : Answered

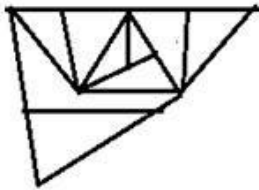
Chosen Option : 2

Q.19 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

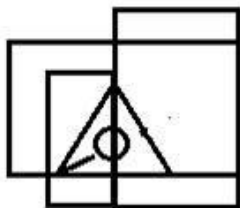
☒ 1.



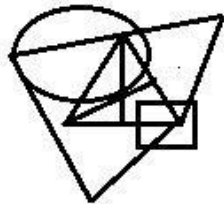
☒ 2.



☒ 3.



☒ 4.



Question ID : 81616112526

Status : Answered

Chosen Option : 3

Q.20 Select the correct sequence of mathematical signs that can sequentially replace the * signs and balance the given equation.

$$6 * 10 * 55 * 162 * 9 = 23$$

- Ans
- ☒ 1. $\times, -, +, \div$
 - ☒ 2. $\times, \div, -, +$
 - ☒ 3. $+, -, \div, \times$
 - ☒ 4. $\div, +, \times, -$

Question ID : 81616112218

Status : Not Answered

Chosen Option : --

Q.21 Select the option in which the words share the same relationship as that shared by the given pair of words.

Raj Ghat : Mahatma Gandhi

- Ans ☒ 1. Shanti Vana : Rajiv Gandhi
☒ 2. Veer Bhoomi : Indira Gandhi
☒ 3. Vijay Ghat : Lal Bahadur Shastri
☒ 4. Shakti Sthal : Sanjay Gandhi

Question ID : 81616112510

Status : Answered

Chosen Option : 3

Q.22 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. Howl
☒ 2. Growl
☒ 3. Yowl
☒ 4. Prowl

Question ID : 81616112205

Status : Answered

Chosen Option : 1

Q.23 In a certain code language, 'ALPINE' is coded as '171' and 'SPRING' is coded as '83'. How will 'CAPITAL' be coded in that language?

- Ans ☒ 1. 186
☒ 2. 124
☒ 3. 62
☒ 4. 93

Question ID : 81616112209

Status : Answered

Chosen Option : 2

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

5, 13, 22, 34, 51, 75, 108, 152, ?

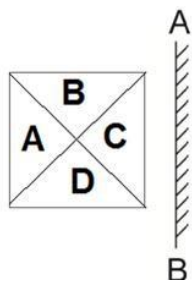
- Ans ☒ 1. 203
☒ 2. 230
☒ 3. 290
☒ 4. 209

Question ID : 81616113122

Status : Answered

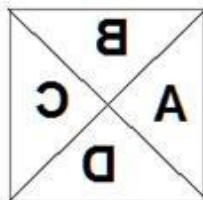
Chosen Option : 1

Q.25 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.

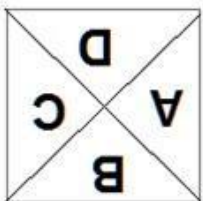


Ans

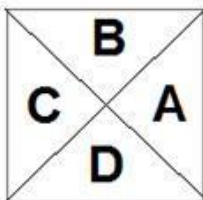
✓ 1.



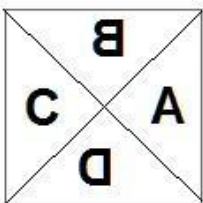
✗ 2.



✗ 3.



✗ 4.



Question ID : 81616112527

Status : Answered

Chosen Option : 1

Section : General Awareness

Q.1 In which of the following years was the origin and enactment of the Indian Age of Consent Act passed?

Ans ✗ 1. 1834

✗ 2. 1889

✓ 3. 1891

✗ 4. 1901

Question ID : 81616112946

Status : Answered

Chosen Option : 3

Q.2 _____ organised his trusted nobles into a group of forty known as Turkan-i-Chahalgani.

- Ans ☒ 1. Iltutmish
☒ 2. Qutub-Ud-Din Aibak
☒ 3. Ala-ud-Din Khilji
☒ 4. Balban

Question ID : 81616112544
Status : Not Answered
Chosen Option : --

Q.3 Which of the following nations is NOT a part of the Quad Group?

- Ans ☒ 1. Japan
☒ 2. Australia
☒ 3. India
☒ 4. Canada

Question ID : 81616112553
Status : Answered
Chosen Option : 4

Q.4 _____ is a practice of establishing and managing individual trees generally for amenity purposes.

- Ans ☒ 1. Arboriculture
☒ 2. Viniculture
☒ 3. Silviculture
☒ 4. Floriculture

Question ID : 81616113147
Status : Answered
Chosen Option : 4

Q.5 What is the name of the river formed by the confluence of Sankh River and South Koel River at Vedvyas in Odisha?

- Ans ☒ 1. Brahmani
☒ 2. Pennar
☒ 3. Sabarmati
☒ 4. Subarnarekha

Question ID : 81616112540
Status : Not Answered
Chosen Option : --

Q.6 Which of the following is one of the metals used in LED semiconductor technology?

- Ans ☒ 1. Copper
☒ 2. Gallium
☒ 3. Iron
☒ 4. Zinc

Question ID : 81616113141
Status : Answered
Chosen Option : 1

Q.7 The place of Gautama Buddha's birth was a grove known as_____.

- Ans ☒ 1. Mangar Bani
☒ 2. Kavus
☒ 3. Lumbini
☒ 4. Mawphlang

Question ID : 81616112240
Status : Answered
Chosen Option : 3

Q.8 The_____rate measures rising prices in everything except food and energy.

- Ans ☒ 1. wage inflation
☒ 2. deflation
☒ 3. stagflation
☒ 4. core inflation

Question ID : 81616112532
Status : Not Answered
Chosen Option : --

Q.9 When is the Hindi Diwas observed annually?

- Ans ☒ 1. 2 October
☒ 2. 14 March
☒ 3. 14 September
☒ 4. 6 April

Question ID : 81616112934
Status : Answered
Chosen Option : 2

Q.10 Who among the following was the Australian Open 2020 women's singles winner?

- Ans ☒ 1. Serena Williams
☒ 2. Simona Halep
☒ 3. Sofia Kenin
☒ 4. Garbine Muguruza

Question ID : 81616112955
Status : Answered
Chosen Option : 3

Q.11 Where is the headquarters of International Hockey Federation (FIH) located?

- Ans ☒ 1. Nepal
☒ 2. Australia
☒ 3. Switzerland
☒ 4. Bhutan

Question ID : 81616113156
Status : Answered
Chosen Option : 2

Q.12 Who among the following had written the book 'Char Chaman', during the reign of Shah Jahan, describing the Mughal nobility?

- Ans
- ☒ 1. Muhammad Waris
 - ☒ 2. Abu'l Dazi
 - ☒ 3. Chandrabhan Brahman
 - ☒ 4. Gulbadan Begum

Question ID : 81616112949

Status : Answered

Chosen Option : 1

Q.13 In February 2021, the Defence Ministry of India awarded a contract to manufacture 83 Light Combat Aircraft (LCA) Tejas fighters to _____.

- Ans
- ☒ 1. Bharat Dynamics Limited
 - ☒ 2. Defence Research and Development Organisation
 - ☒ 3. Bharat Electronics Limited
 - ☒ 4. Hindustan Aeronautics Limited

Question ID : 81616113160

Status : Not Answered

Chosen Option : --

Q.14 The elements of the groups 3 to 12 are called _____ elements or transition elements.

- Ans
- ☒ 1. d-block
 - ☒ 2. c-block
 - ☒ 3. a-block
 - ☒ 4. b-block

Question ID : 81616112538

Status : Answered

Chosen Option : 1

Q.15 Which of the following countries' former Prime Minister was awarded with the Padma Vibhushan award in 2021?

- Ans
- ☒ 1. Bangladesh
 - ☒ 2. Japan
 - ☒ 3. Sri Lanka
 - ☒ 4. Nepal

Question ID : 81616113152

Status : Not Answered

Chosen Option : --

Q.16 Who among the following is the author of the book 'Interpreter of Maladies'?

- Ans
- ☒ 1. Anita Nair
 - ☒ 2. Sudha Murty
 - ☒ 3. Arundhati Roy
 - ☒ 4. Jhumpa Lahiri

Question ID : 81616112547

Status : Not Answered

Chosen Option : --

Q.17 In which state is Ponu Yoksi, a sword-like instrument, used during ceremonial dances performed by priests?

- Ans ☐ 1. Himachal Pradesh
☒ 2. Arunachal Pradesh
☐ 3. Madhya Pradesh
☐ 4. Uttar Pradesh

Question ID : 81616112228
Status : Not Answered
Chosen Option : --

Q.18 In which Indian state will you find the Borail Wildlife Sanctuary?

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

Question ID : 81616112236
Status : Answered
Chosen Option : 1

Q.19 Who is the ex-officio President of the Indian Parliamentary Group (IPG), set up in 1949, which functions as the national group of the Inter-Parliamentary Union (IPU) and the main branch of the Commonwealth Parliamentary Association (CPA) in India?

- Ans ☐ 1. Vice President
☐ 2. Prime Minister
☒ 3. Speaker of the Lok Sabha
☐ 4. President

Question ID : 81616112549
Status : Answered
Chosen Option : 1

Q.20 Which of the following is a private good?

- Ans ☐ 1. Non-rival in consumption and non-excludable
☐ 2. A good that is available to everyone to consume, regardless of who pays for it and who does not.
☒ 3. A good that is consumed by a single person or household
☐ 4. Spillover benefits

Question ID : 81616112230
Status : Not Answered
Chosen Option : --

Q.21 How many people were awarded the Padma Vibhushan in January 2021?

- Ans ☐ 1. 29
☐ 2. 4
☒ 3. 7
☐ 4. 10

Question ID : 81616113158
Status : Answered
Chosen Option : 2

Q.22 _____ is a branch of biology that studies fungi.

- Ans ☒ 1. Kalology
☒ 2. Mycology
☒ 3. Morphology
☒ 4. Virology

Question ID : 81616112938
Status : Answered
Chosen Option : 2

Q.23 Who among the following was the first Vice President of India?

- Ans ☒ 1. Sarvepalli Radhakrishnan
☒ 2. Gopal Swarup Pathak
☒ 3. Varahagiri Venkata Giri
☒ 4. Zakir Hussain

Question ID : 81616112245
Status : Answered
Chosen Option : 1

Q.24 Which of the following is also called 'green algae'?

- Ans ☒ 1. Chlorophyceae
☒ 2. Rhodophyceae
☒ 3. Porphyridium
☒ 4. Phaeophyceae

Question ID : 81616112233
Status : Answered
Chosen Option : 1

Q.25 Of the known elements in the periodic table, only _____ are gases under normal atmospheric conditions.

- Ans ☒ 1. 13
☒ 2. 10
☒ 3. 11
☒ 4. 12

Question ID : 81616112941
Status : Answered
Chosen Option : 2

Section : Quantitative Aptitude

Q.1 In a triangle ABC, point D lies on AB, and points E and F lie on BC such that DF is parallel to AC and DE is parallel to AF. If BE = 4 cm, CF = 3 cm, then find the length (in cm) of EF.

- Ans ☒ 1. 5
☒ 2. 1.5
☒ 3. 2
☒ 4. 3

Question ID : 81616112572
Status : Not Answered
Chosen Option : --

Q.2 A train leaves station A at 8 am and reaches station B at 12 noon. A car leaves station B at 8:30 am and reaches station A at the same time when the train reaches station B. At what time do they meet?

- Ans  1. 10 : 08 am
2. 9 : 38 am
3. 9 : 52 am
4. 10 : 22 am


Question ID : 81616112968
Status : Not Answered
Chosen Option : --

Q.3 If one of the angles of a triangle is 74° , then the angle between the bisectors of the other two interior angles is:

- Ans  1. 127°
2. 16°
3. 106°
4. 53°

Question ID : 81616113177
Status : Not Answered
Chosen Option : --

Q.4 $\frac{\cot^2 \theta}{\operatorname{cosec}^2 \theta} + \frac{\tan^2 \theta}{\sec^2 \theta} + 2 \sin \theta \cos \theta = ?$

- Ans 1. $\operatorname{cosec}^2 \theta \sec^2 \theta$
-  2. $\operatorname{cosec} \theta \sec \theta$
3. $\sin^2 \theta \cos \theta$
4. $\sin \theta \cos \theta$

Question ID : 81616112373
Status : Not Answered
Chosen Option : --

Q.5 A and B can complete a work in 15 days and 10 days respectively. They started doing the work together but after 4 days B had to leave. Then A working with a new worker C completed the remaining work in 3 days. If C works alone, in how many days he can do 40% of the same work?

- Ans  1. $8\frac{1}{2}$
-  2. 9
3. 10
4. 8

Question ID : 81616112260
Status : Not Answered
Chosen Option : --

Q.6 From an external point A, two tangents AB and AC have been drawn to a circle touching the circle at B and C respectively. P and Q are points on AB and AC respectively such that PQ touches the circle at R. If AB = 11 cm, AP = 7 cm and AQ = 9 cm, then find the length of PQ (in cm).

- Ans  1. 6
2. 7
3. 5
4. 8

Question ID : 81616112569
Status : Not Answered
Chosen Option : --

Q.7 A heap of wheat is in the form of a cone whose base diameter is 8.4 m and height is 1.75 m. The heap is to be covered by canvass. What is the area (in m^2) of the canvas required? (Use $\pi = \frac{22}{7}$)

- Ans  1. 60.06
2. 115.05
3. 60.6
4. 115.5

Question ID : 81616112565
Status : Not Answered
Chosen Option : --

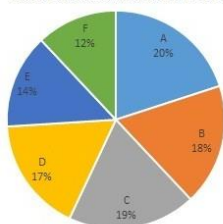
Q.8 A sum at a certain rate of simple interest becomes ₹14880 after 3 years and ₹16800 after 5 years. Find the simple interest on the same sum at 10% per annum for 4 years (in ₹).

- Ans 1. 5184
2. 4740
3. 4800
4. 4860

Question ID : 81616112259
Status : Not Answered
Chosen Option : --

Q.9

The following Pie chart represents the percentage-wise distribution of 300 students of class X in a school in six different sections A, B, C, D, E and F.



The table given below shows the number of boys of class X in six different sections A, B, C, D, E and F.

Section	A	B	C	D	E	F
No. of boys	36	26	34	28	x	20

If in section E, the ratio of the number of boys to the number of girls is 3 : 4, then the ratio of number of boys in section E to the number of girls in section C is :

- Ans
1. 23 : 18
 - ✓ 2. 18 : 23
 3. 24 : 23
 4. 23 : 24

Question ID : 81616113286

Status : Not Answered

Chosen Option : --

Q.10

Table shows the number of trees planted in 4 cities from 2016 to 2020.

Years	Chandigarh	Ahmadabad	Pune	Kolkata
2016	1800	2500	1800	2000
2017	2500	2300	1850	1800
2018	2300	2400	1840	1760
2019	2440	1950	1900	1600
2020	2250	2100	2000	1750

In which year were the maximum number of trees planted?

- Ans
1. 2018
 - ✓ 2. 2017
 3. 2020
 4. 2016

Question ID : 81616112577

Status : Answered

Chosen Option : 4

Q.11

Radha purchased a Computer table for ₹10000 and a Centre table for ₹5000. She sold Computer table with 8% profit.

With what profit percent should she sell the Centre table so as to gain 10% on the whole transaction?

- Ans
1. 18%
 - ✓ 2. 14%
 3. 10%
 4. 12%

Question ID : 81616113166

Status : Not Answered

Chosen Option : --

Q.12 In $\triangle ABC$, $AB = 20\text{ cm}$, $BC = 21\text{ cm}$ and $AC = 29\text{ cm}$. What is the value of $\cot C + \operatorname{cosec} C - 2 \tan A$?

Ans

- ✓ 1. $\frac{2}{5}$
✗ 2. $\frac{3}{5}$
✗ 3. $\frac{9}{20}$
✗ 4. $\frac{7}{20}$

Question ID : 81616113786

Status : Answered

Chosen Option : 2

Q.13 If $2 \sin(3x - 15)^\circ = 1$, $0^\circ < (3x - 15) < 90^\circ$, then find the value of $\cos^2(2x + 15)^\circ + \cot^2(x + 15)^\circ$.

Ans

1. 1
✓ 2. $\frac{7}{2}$
✗ 3. $\frac{5}{2}$
✗ 4. $-\frac{7}{2}$

Question ID : 81616112270

Status : Answered

Chosen Option : 1

Q.14

The value of $3\frac{5}{6} + \left[3\frac{2}{3} + \left\{ \frac{15}{4} \left(5\frac{4}{5} \div 14\frac{1}{2} \right) \right\} \right]$ is equal to:

Ans

1. 6
2. 8
✓ 3. 9
4. 7

Question ID : 81616113162

Status : Not Answered

Chosen Option : --

Q.15 If the nine-digit number 7p5964q28 is completely divisible by 88, what is the value of $(p^2 - q)$, for the largest value of q, where p and q are natural numbers?

Ans

- ✓ 1. 72
2. 81
3. 0
4. 9

Question ID : 81616112252

Status : Answered

Chosen Option : 3

Q.16 Chamanlal, Arshad and Jagjit Singh contested an election. All the votes polled were valid. Arshad got 35% of the total votes. For every 35 votes Chamanlal got 14 votes. The winner got 4950 more votes than the person who received the least number of votes. Find the total number of votes polled.

- Ans
1. 13378
 2. 38000
 3. 99000
 - ✓ 4. 33000

Question ID : 81616112256
Status : Not Answered
Chosen Option : --

Q.17 AB is a diameter of a circle. C and D are points on the opposite sides of the diameter AB, such that $\angle ACD = 25^\circ$. E is a point on the minor arc BD. Find the measure of $\angle BED$ (in degrees).

- Ans
1. 130
 2. 105
 - ✓ 3. 115
 4. 125

Question ID : 81616112267
Status : Answered
Chosen Option : 4

Q.18 If $a - \frac{12}{a} = 1$, where $a > 0$, then the value of $a^2 + \frac{16}{a^2}$ is:

- Ans
1. 11
 2. 19
 - ✓ 3. 17
 4. 15

Question ID : 81616113172
Status : Answered
Chosen Option : 1

Q.19 If $(16\sqrt{2}x^3 + 81\sqrt{3}y^3) \div (2\sqrt{2}x + 3\sqrt{3}y) = Ax^2 + By^2 + Cxy$, then find the value of $2A - 3B - 2\sqrt{6}C$.

- Ans
1. 25
 2. 137
 - ✓ 3. 7
 4. 79

Question ID : 81616112971
Status : Not Answered
Chosen Option : --

Q.20 What is the ratio of the average of first eight prime numbers to the average of first ten even natural numbers?

- Ans
- ✓ 1. 7 : 8
 2. 7 : 80
 3. 8 : 70
 4. 1 : 7

Question ID : 81616112557
Status : Not Answered
Chosen Option : --

Q.21 Hridaya opened her piggy bank and found coins of denomination ₹1, ₹2, ₹5 and ₹10 in the ratio 10 : 5 : 2 : 1. If there are 72 coins in all, then how much money (in ₹) was there in the piggy bank in the form of coins?

- Ans** ✓ 1. 160
2. 72
3. 100
4. 90

Question ID : 81616112965
Status : Answered
Chosen Option : 2

Q.22 Table shows income (in ₹) received by 4 employees of a company during the month of December 2020 and all their income sources.

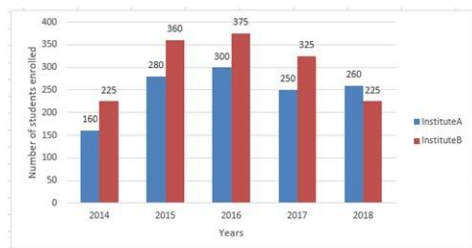
Source	Amit	Suresh	Nitin	Varun
Salary	35000	38500	29000	42000
Arrears	6000	6300	5000	7500
Bonus	1000	1100	1000	1240
Overtime	1800	1950	1400	1500

By what percent is the bonus of Varun less than the bonus of Amit and Nitin taken together?

- Ans** 1. 40.9
2. 48
✓ 3. 38
4. 45

Question ID : 81616112579
Status : Not Answered
Chosen Option : --

Q.23 The bar graph shows the number of students enrolled for a science course in institutes A and B during 5 years from 2014 to 2018,



What is the ratio of the total numbers of students enrolled in institute B in 2015 and 2017 to that of students enrolled in institute A in 2014 and 2016?

- Ans** 1. 111 : 91
✓ 2. 137 : 92
3. 92 : 137
4. 91 : 111

Question ID : 81616113284
Status : Not Answered
Chosen Option : --

Q.24

If $4x^4 - 37x^2 + 9 = 0$, $x > \sqrt{\frac{3}{2}}$, then what is the value of $8x^3 - \frac{27}{x^3}$?

Ans

- 1. 35
- ✓ 2. 215
- 3. -35
- 4. -215

Question ID : 81616112265

Status : Not Answered

Chosen Option : --

Q.25

Three shopkeepers A, B and C marked an identical article at ₹4820. A, B and C sold their article on successive discounts of 20% and 20%; 25% and 15%; 30% and 10% respectively. Which shopkeeper gives the maximum discount and how much (in Rs)?

Ans

- 1. C, 1780
- 2. C, 1783.40
- 3. B, 1800
- 4. A, 1735.20

Question ID : 81616112962

Status : Not Answered

Chosen Option : --

Section : English Comprehension

Q.1 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The supervisor / wanted to known / the pros and cons / of the issue.

Ans

- ✓ 1. wanted to known
- ✗ 2. The supervisor
- ✗ 3. the pros and cons
- ✗ 4. of the issue

Question ID : 81616112984

Status : Answered

Chosen Option : 1

Q.2 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.

"Would you liked / to have / some fries / along with your coffee, / sir?" / asked the waiter.

Ans

- ✗ 1. along with your coffee
- ✗ 2. some fries
- ✓ 3. Would you liked
- ✗ 4. asked the waiter

Question ID : 81616112278

Status : Answered

Chosen Option : 1

Q.3 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

Sholay is one in the most popular Hindi movies.

- Ans ☒ 1. is one of the most popular
☐ 2. No substitution
☐ 3. is in the most popular
☐ 4. is one in the more popular

Question ID : 81616112281

Status : Answered

Chosen Option : 1

Q.4 Select the most appropriate synonym of the given word.

Rejuvenate

- Ans ☒ 1. Refresh
☐ 2. Reset
☐ 3. Retell
☐ 4. Retake

Question ID : 81616112595

Status : Not Answered

Chosen Option : --

Q.5 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. There are many secondary reasons as well along with increasing levels of carbon.
B. The term is used to describe the unnatural rise in earth's average temperature.
C. Increased carbon dioxide is the primary driver of global warming.
D. Global warming is the single biggest threat to life on earth today.

- Ans ☐ 1. ACBD
☐ 2. ABCD
☒ 3. DBCA
☐ 4. DABC

Question ID : 81616113198

Status : Answered

Chosen Option : 3

Q.6 Select the most appropriate meaning of the following idiom.

To the nines

- Ans ☐ 1. To be exalted
☐ 2. To great depths
☐ 3. To be jealous
☒ 4. To perfection

Question ID : 81616113002

Status : Not Answered

Chosen Option : --

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

The jungle was nearly _____, so the progress was slow.

- Ans ☒ 1. immobile
☒ 2. impenetrable
☒ 3. immaterial
☒ 4. immortal

Question ID : 81616112605
Status : Answered
Chosen Option : 4

Q.8 Select the option that expresses the given sentence in indirect speech.

The teacher said, "Man is mortal."

- Ans ☒ 1. The teacher said that man is mortal.
☒ 2. The teacher said that man was mortal.
☒ 3. The teacher said that men were mortal.
☒ 4. The teacher instructed that man was mortal.

Question ID : 81616112583
Status : Answered
Chosen Option : 2

Q.9 Select the option that can be used as a one-word substitute for the given group of words.

A group of people, typically with vehicles or animals, travelling together.

- Ans ☒ 1. Caravan
☒ 2. Gang
☒ 3. Circus
☒ 4. Troop

Question ID : 81616112298
Status : Not Answered
Chosen Option : --

Q.10 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. This awareness has motivated everyone to go for physical exercises.
B. These days people are more aware of their health.
C. In addition to physical exercises, some prefer taking health supplements too.
D. It is advisable, but one should consult a trainer/doctor before consuming health supplements.

- Ans ☒ 1. BACD
☒ 2. BADC
☒ 3. DBCA
☒ 4. ADBC

Question ID : 81616112997
Status : Answered
Chosen Option : 1

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

Much of the truth about the mysterious death of her pet was not revealed.

- Ans ☒ 1. No substitution
☐ 2. were not being revealed
☐ 3. have not revealed
☐ 4. were not revealed

Question ID : 81616112585
Status : Answered
Chosen Option : 2

Q.12 Select the INCORRECTLY spelt word.

- Ans ☐ 1. Optimist
☐ 2. Fatalist
☐ 3. Perfectionist
☒ 4. Pessymist

Question ID : 81616113209
Status : Not Answered
Chosen Option : --

Q.13 Select the most appropriate meaning of the following idiom.

Apple of one's eye

- Ans ☐ 1. Someone who plays all sports
☒ 2. Someone very precious or dear
☐ 3. Someone who behaves courteously
☐ 4. Someone with great respect

Question ID : 81616113003
Status : Not Answered
Chosen Option : --

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

I read some_____of properties for sale on the Internet before I called the agent.

- Ans ☐ 1. spaces
☐ 2. arguments
☐ 3. monologues
☒ 4. descriptions

Question ID : 81616112301
Status : Answered
Chosen Option : 4

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

Elated

- Ans ☒ 1. Thrilled
☒ 2. Depressed
☒ 3. Excited
☒ 4. Proud

Question ID : 81616113202
Status : Not Answered
Chosen Option : --

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

Harmony

- Ans ☒ 1. Conflict
☒ 2. Concord
☒ 3. Amity
☒ 4. Accord

Question ID : 81616113001
Status : Answered
Chosen Option : 3

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

A large bedroom for a number of people in a school or institution.

- Ans ☒ 1. Creche
☒ 2. Dormitory
☒ 3. Hostel
☒ 4. Assembly

Question ID : 81616112297
Status : Answered
Chosen Option : 3

Q.18 Select the option that expresses the given sentence in passive voice.

The postman had delayed the letter.

- Ans ☒ 1. The letter was delayed by the postman.
☒ 2. The letter had delayed the postman.
☒ 3. The letter had been delayed by the postman.
☒ 4. The postman had been delayed by the letter.

Question ID : 81616112279
Status : Answered
Chosen Option : 3

Q.19 Select the most appropriate synonym of the given word.

Chaos

- Ans
- ☒ 1. Tension
 - ☒ 2. Dirt
 - ☒ 3. Fusion
 - ☒ 4. Confusion

Question ID : 81616112594

Status : Not Answered

Chosen Option : --

Q.20 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Luxuribus
 - ☒ 2. Profuse
 - ☒ 3. Virtuous
 - ☒ 4. Recluse

Question ID : 81616113208

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.

It is essential to form a link between formal education and skill (1)_____. Multidisciplinary and personality enhancement skills are the (2)_____requirements of every sector. Many reforms are being (3)_____in higher education to co-relate academics to the (4)_____of various service sectors. Innovative models can help to (5)_____the varied needs of skilled and unskilled labour.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no.1.

- Ans
- ☒ 1. development
 - ☒ 2. ripening
 - ☒ 3. progress
 - ☒ 4. maturity

Question ID : 81616113193

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.

It is essential to form a link between formal education and skill (1)_____. Multidisciplinary and personality enhancement skills are the (2)_____requirements of every sector. Many reforms are being (3)_____in higher education to co-relate academics to the (4)_____of various service sectors. Innovative models can help to (5)_____the varied needs of skilled and unskilled labour.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no.2.

- Ans ☒ 1. needless
☒ 2. domestic
☒ 3. essential
☒ 4. external

Question ID : 81616113194

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.

It is essential to form a link between formal education and skill (1)_____. Multidisciplinary and personality enhancement skills are the (2)_____requirements of every sector. Many reforms are being (3)_____in higher education to co-relate academics to the (4)_____of various service sectors. Innovative models can help to (5)_____the varied needs of skilled and unskilled labour.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no.3.

- Ans ☒ 1. related
☒ 2. settled
☒ 3. improved
☒ 4. introduced

Question ID : 81616113195

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.

It is essential to form a link between formal education and skill (1)_____. Multidisciplinary and personality enhancement skills are the (2)_____requirements of every sector. Many reforms are being (3)_____in higher education to co-relate academics to the (4)_____of various service sectors. Innovative models can help to (5)_____the varied needs of skilled and unskilled labour.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no.4.

- Ans ☒ 1. duty
☒ 2. charge
☒ 3. need
☒ 4. urgency

Question ID : 81616113196

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.

It is essential to form a link between formal education and skill (1)_____. Multidisciplinary and personality enhancement skills are the (2)_____ requirements of every sector. Many reforms are being (3)_____ in higher education to co-relate academics to the (4)_____ of various service sectors. Innovative models can help to (5)_____ the varied needs of skilled and unskilled labour.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no.5.

- Ans  1. meets
 2. met
 3. meeting
 4. meet

Question ID : **81616113197**

Status : **Not Answered**

Chosen Option : --

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	Exampapers247.com
Venue Name	Suddhananda Engineering & Research Center
Exam Date	16/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : General Intelligence and Reasoning

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 dancers are talented.
Some girls are dancers.

Conclusions:

I. Some girls are talented.
II. All talented are girls.
III. All girls are talented.

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

Question ID : 81616112414

Status : Answered

Chosen Option : 3

Q.2 Select the option in which the words share the same relationship as that shared by the given pair of words.

Dentist : Hospital

- Ans ☒ 1. Professor : University
☒ 2. Engineer : Design
☒ 3. Criminal : Police Station
☒ 4. Doctor : Treatment

Question ID : 81616114126

Status : Answered

Chosen Option : 1

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

21 : 445 : : 24 : ?

- Ans ☒ 1. 580
☒ 2. 505
☒ 3. 495
☒ 4. 523

Question ID : 81616112416

Status : Answered

Chosen Option : 1

Q.4 In a certain code language, 'SAFETY' is coded as '95' and 'EXPAND' is coded as '87'.
How will 'GATHER' be coded in that language?

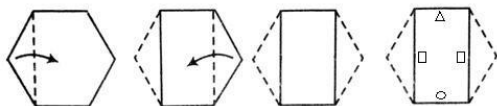
- Ans ☒ 1. 88
☒ 2. 86
☒ 3. 90
☒ 4. 84

Question ID : 81616112815

Status : Answered

Chosen Option : 4

Q.5 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

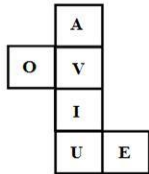
- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 81616114144

Status : Answered

Chosen Option : 4

Q.6 A cube is made by folding the given sheet. In the cube so formed, what would be the letter on the face opposite the face showing the letter 'A'?



Ans

1. **I**
2. **V**
3. **U**
4. **E**

Question ID : 81616112828

Status : **Answered**

Chosen Option : 1

Q.7 In a certain code language, 'AND' is written as 'C-LP-F' and 'NOR' is coded as 'P-MQ-T'. How will 'BUT' be written in that language?

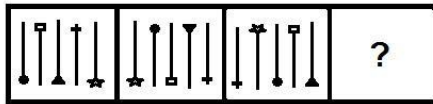
- Ans
- ☒ 1. C-TV-W
 - ☒ 2. D-SW-U
 - ☒ 3. D-SW-V
 - ☒ 4. C-SU-V

Question ID : 81616112410

Status : **Answered**

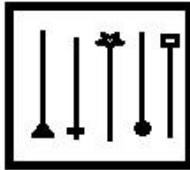
Chosen Option : 3

Q.8 Select the figure from among the given options that can replace the question mark (?) in the following series.

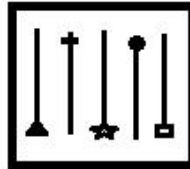


Ans

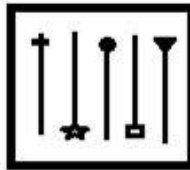
✗ 1.



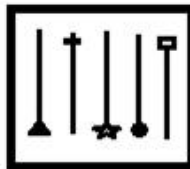
✓ 2.



✗ 3.



✗ 4.

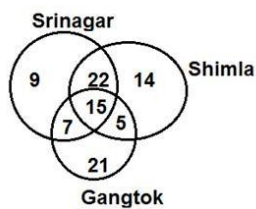


Question ID : 81616113937

Status : Answered

Chosen Option : 1

Q.9 The following Venn diagram shows the number of families who have visited three different places (Srinagar, Shimla, Gangtok).



What is the number of families who have visited at least two of the places out of Srinagar, Shimla and Gangtok?

Ans

1. 34

2. 27

✓ 3. 49

4. 15

Question ID : 81616112428

Status : Answered

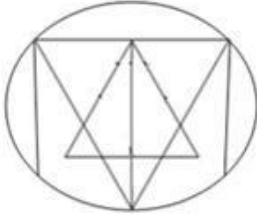
Chosen Option : 1

Q.10 When number X multiplied to its next number, the product 1260 is obtained. When Number X is added to Number Y, a total of 106 is obtained. Find the value of Number Y. (Assume numbers to be positive)

- Ans ☒ 1. 71
☒ 2. 61
☒ 3. 87
☒ 4. 77

Question ID : 81616114138
 Status : Not Answered
 Chosen Option : --

Q.11 Find the number of triangles in the given figure.



- Ans ☒ 1. 19
☒ 2. 13
☒ 3. 17
☒ 4. 15

Question ID : 81616112827
 Status : Answered
 Chosen Option : 3

Q.12 Select the option that is related to the third word in the same way as the second word is related to the first word.

Awful : Nice :: Nomadic : ?

- Ans ☒ 1. Settled
☒ 2. Nocturnal
☒ 3. Careless
☒ 4. Homeless

Question ID : 81616113923
 Status : Not Answered
 Chosen Option : --

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

$$36 * 14 * 63 * 9 * 11 * (6 * 3) * 90$$

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

Question ID : 81616112824
 Status : Answered
 Chosen Option : 3

Q.14 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

BOARD, BOARW, BOAIW, ?, BLZIW, YLZIW

- Ans
- ☒ 1. BOAIW
 - ☒ 2. BOZIW
 - ☒ 3. BLZRW
 - ☒ 4. BOZRW

Question ID : 81616114121

Status : Answered

Chosen Option : 4

Q.15 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 81616114142

Status : Answered

Chosen Option : 2

Q.16 Select the option in which the numbers are NOT related in the same way as are the numbers of the following set.

(7, 21, 49)

- Ans
- ☒ 1. (9, 27, 72)
 - ☒ 2. (8, 24, 64)
 - ☒ 3. (6, 18, 36)
 - ☒ 4. (5, 15, 25)

Question ID : 81616112418

Status : Answered

Chosen Option : 1

Q.17 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

M v t k r d f

M
N

Ans

- ☒ 1. f b j k f v M
- ☒ 2. f p r k f v M
- ☒ 3. W v f k r q f
- ☒ 4. f b r k f v M

Question ID : 81616114143

Status : Answered

Chosen Option : 2

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. Lethargic
- ☒ 2. Sluggish
- ☒ 3. Vivacious
- ☒ 4. Passive

Question ID : 81616112811

Status : Answered

Chosen Option : 4

Q.19 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Success
2. Surreal
3. Succumb
4. Suction
5. Surrogate
6. Surprise

Ans

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

Question ID : 81616113920

Status : Not Answered

Chosen Option : --

Q.20 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. XADG
☒ 2. BEHK
☒ 3. NPSV
☒ 4. QTWZ

Question ID : 81616113921

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.21 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. 2347 : 1113
☒ 2. 3527 : 2293
☒ 3. 4327 : 2003
☒ 4. 5237 : 4003

Question ID : 81616112821

Status : Answered

Chosen Option : 3

Q.22 Pointing to the photograph of a girl, Raghav said, "She is my father's mother's daughter's only brother's daughter". How is Raghav's father related to that girl's mother?

- Ans ☒ 1. Husband
☒ 2. Maternal uncle
☒ 3. Son
☒ 4. Father

Question ID : 81616114130

Status : Answered

Chosen Option : 2

Q.23 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

b _ c e _ k b _ c _ f k b b _ e f _ b b c _ f k

- Ans ☒ 1. b, f, b, c, e, k, e
☒ 2. b, f, b, e, c, e, k
☒ 3. b, e, b, f, c, k, e
☒ 4. b, f, b, e, c, k, e

Question ID : 81616114129

Status : Answered

Chosen Option : 3

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

37, 52, 74, 104, 143, ?

- Ans ☒ 1. 168
☒ 2. 192
☒ 3. 202
☒ 4. 176

Question ID : 81616113930
Status : Not Answered
Chosen Option : --

Q.25 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(16, 12, 32)

- Ans ☒ 1. (76, 57, 176)
☒ 2. (56, 24, 68)
☒ 3. (36, 27, 77)
☒ 4. (20, 15, 42)

Question ID : 81616112823
Status : Answered
Chosen Option : 2

Section : General Awareness

Q.1 When is the statehood day of Tripura observed?

- Ans ☒ 1. 21 February
☒ 2. 12 March
☒ 3. 21 January
☒ 4. 3 October

Question ID : 81616112851
Status : Not Answered
Chosen Option : --

Q.2 In which of the following years did the revolt in the countryside of the Bombay Deccan occur?

- Ans ☒ 1. 1905
☒ 2. 1790
☒ 3. 1890
☒ 4. 1875

Question ID : 81616112846
Status : Answered
Chosen Option : 3

Q.3 Which of the following states topped the second edition of the Indian Innovation Index released by NITI Aayog in January 2021?

- Ans
- ☒ 1. Andhra Pradesh
 - ☒ 2. Punjab
 - ☒ 3. Tamil Nadu
 - ☒ 4. Karnataka

Question ID : 81616112836
Status : Answered
Chosen Option : 4

Q.4 In which of the following states is Anchar Lake located?

- Ans
- ☒ 1. Jammu and Kashmir
 - ☒ 2. Meghalaya
 - ☒ 3. Assam
 - ☒ 4. Bihar

Question ID : 81616112842
Status : Answered
Chosen Option : 3

Q.5 Which of the following states won the National Award for Best Electoral Practices 2020?

- Ans
- ☒ 1. Kerala
 - ☒ 2. Mizoram
 - ☒ 3. Meghalaya
 - ☒ 4. Karnataka

Question ID : 81616114169
Status : Answered
Chosen Option : 1

Q.6 Topaz is a _____ of fluorine and aluminium.

- Ans
- ☒ 1. carbonate
 - ☒ 2. sulphate
 - ☒ 3. phosphate
 - ☒ 4. silicate

Question ID : 81616113955
Status : Answered
Chosen Option : 1

Q.7 Which of the following is NOT in Karnataka?

- Ans
- ☒ 1. Bannerghatta National Park
 - ☒ 2. Mysore Palace
 - ☒ 3. Hampi
 - ☒ 4. Duduma Waterfall

Question ID : 81616114156
Status : Answered
Chosen Option : 4

Q.8 Which of the following organs secretes hydrochloric acid that helps our body in killing pathogenic bacteria?

- Ans ☒ 1. Heart
☒ 2. Stomach
☒ 3. Brain
☒ 4. Kidney

Question ID : 81616112436

Status : Answered

Chosen Option : 1

Q.9 What do you call the effect of splitting of a spectral line into several components in the presence of a static magnetic field?

- Ans ☒ 1. Zeeman effect
☒ 2. Bezold effect
☒ 3. Domino effect
☒ 4. Askaryan effect

Question ID : 81616112433

Status : Answered

Chosen Option : 1

Q.10 Who among the following is an Indian Paralympic swimmer?

- Ans ☒ 1. Sukant Kadam
☒ 2. Gaurav Khanna
☒ 3. Pramod Bhagat
☒ 4. Sharath M Gayakwad

Question ID : 81616112450

Status : Not Answered

Chosen Option : --

Q.11 Who among the following laid the foundations of the Indian National Movement by founding the Indian Association at Calcutta in 1876?

- Ans ☒ 1. Aurobindo Ghose
☒ 2. Dadabhai Naoroji
☒ 3. Surendranath Banerjee
☒ 4. Womesh Chandra Banerjee

Question ID : 81616112444

Status : Answered

Chosen Option : 2

Q.12 Deserts, rain forests, coral reefs and mangroves are features of _____ diversity.

- Ans ☒ 1. cultural
☒ 2. genetic
☒ 3. ecological
☒ 4. species

Question ID : 81616113949

Status : Answered

Chosen Option : 3

Q.13 Who among the following was one of the leaders who was instrumental in convincing Mahatma Gandhi about the need to start a non-cooperation movement in support of The Khilafat?

- Ans
- ☒ 1. Maulana Abul Kalam Azad
 - ☒ 2. Abdul Ghaffar Khan
 - ☒ 3. Shaukat Ali
 - ☒ 4. Mohammad Ali Jinnah

Question ID : 81616114160
Status : Answered
Chosen Option : 1

Q.14 Which of the following state governments launched the long-awaited policy of manufactured sand in January 2021?

- Ans
- ☒ 1. Gujarat
 - ☒ 2. Maharashtra
 - ☒ 3. Rajasthan
 - ☒ 4. Madhya Pradesh

Question ID : 81616113968
Status : Answered
Chosen Option : 2

Q.15 Who among the following rulers is called the 'Napoleon of India'?

- Ans
- ☒ 1. Samudragupta
 - ☒ 2. Chandragupta I
 - ☒ 3. Bindusara
 - ☒ 4. Ashoka

Question ID : 81616112441
Status : Answered
Chosen Option : 1

Q.16 Who among the following won the 'Indian Personality of the Year Award' during the 51st International Film Festival?

- Ans
- ☒ 1. Biswajit Chatterjee
 - ☒ 2. Shabana Azmi
 - ☒ 3. Amitabh Bachchan
 - ☒ 4. Asha Bhosle

Question ID : 81616114163
Status : Not Answered
Chosen Option : --

Q.17 As of 26th January 2021, who is the Lok Sabha Speaker?

- Ans
- ☒ 1. Om Birla
 - ☒ 2. Nitin Gadkari
 - ☒ 3. JP Nadda
 - ☒ 4. Rajnath Singh

Question ID : 81616113960
Status : Answered
Chosen Option : 4

Q.18 What is the abbreviated form of the IPL franchise cricket team from Chennai?

Ans ☒ 1. CSK

☐ 2. CA

☐ 3. CL

☐ 4. GCW

Question ID : 81616113964

Status : Answered

Chosen Option : 1

Q.19 Article 21A of the Constitution of India provides Right to_____.

Ans ☐ 1. Work

☐ 2. Privacy

☐ 3. Equality

☒ 4. Education

Question ID : 81616114165

Status : Answered

Chosen Option : 4

Q.20 As of 2020, which among the following is a permanent member at United Nations Security Council?

Ans ☐ 1. Germany

☐ 2. Brazil

☒ 3. China

☐ 4. Japan

Question ID : 81616113966

Status : Answered

Chosen Option : 2

Q.21 In the periodic table, the highly electronegative halogens and the highly electropositive alkali metals are separated by:

Ans ☐ 1. Noble metals

☐ 2. Alkaline earth metals

☐ 3. Rare earth elements

☒ 4. Noble gases

Question ID : 81616114154

Status : Answered

Chosen Option : 4

Q.22 SHG promotes thrift in small proportion by a minimum contribution from each member of the group. What does 'H' stand for in SHG?

Ans ☐ 1. Habitat

☒ 2. Help

☐ 3. Harvest

☐ 4. Heavy

Question ID : 81616114148

Status : Answered

Chosen Option : 2

Q.23 'Jadopatiya' is a form of _____ popular in the state of Jharkhand.

- Ans
- ☒ 1. dance
 - ☐ 2. painting
 - ☐ 3. music
 - ☐ 4. sculpture

Question ID : 81616112429
Status : Answered
Chosen Option : 4

Q.24 'Swasthya Sathi' scheme is the health insurance scheme that covers the entire population of which of the following states?

- Ans
- ☒ 1. West Bengal
 - ☐ 2. Bihar
 - ☐ 3. Assam
 - ☐ 4. Meghalaya

Question ID : 81616112839
Status : Not Answered
Chosen Option : --

Q.25 In which of the following states was the International Paragliding Festival organised by the Adventure Sports and Sustainable Tourism Academy (ASSTA) in 2020?

- Ans
- ☒ 1. Kerala
 - ☐ 2. Uttarakhand
 - ☐ 3. Assam
 - ☐ 4. Tripura

Question ID : 81616112834
Status : Answered
Chosen Option : 2

Section : Quantitative Aptitude

Q.1 A boat goes 27 km upstream and 33 km downstream in 6 hours. In the same time it can go 36 km upstream and 22 km downstream. How much time will it take to go 36 km upstream and 44 km downstream?

- Ans
- ☐ 1. 8 h 10 m
 - ☒ 2. 8 h
 - ☐ 3. 8 h 30 m
 - ☐ 4. 7 h 50 m

Question ID : 81616112463
Status : Not Answered
Chosen Option : --

Q.2 The data given in the table shows the number of boys and girls enrolled in three different streams in a school over 5 years.

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

By what percent is the total number of boys in Arts stream more than the total number of boys in Science stream in the years 2012 to 2020?

Ans

1. 0
- ✗ 2. $2\frac{18}{41}$
- ✓ 3. 5
- ✗ 4. $4\frac{16}{21}$

Question ID : 81616112376

Status : Not Answered

Chosen Option : --

Q.3 The value of $4(\sin^4 30^\circ + \cos^4 30^\circ) - 3(\sin^2 45^\circ - 2 \cos^2 45^\circ)$ is:

Ans

1. 1
2. 0
- ✓ 3. 4
4. 2

Question ID : 81616114190

Status : Answered

Chosen Option : 1

Q.4 If $p - 2q = 3$ and $pq = 5$, then what is the value of $(p^3 - 8q^3)$?

Ans

1. 27
2. -63
- ✓ 3. 117
4. 72

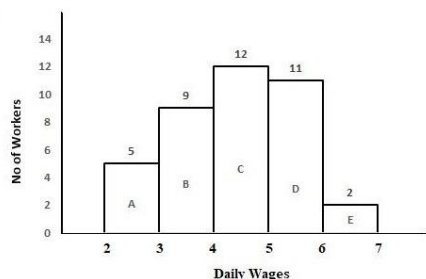
Question ID : 81616112466

Status : Not Answered

Chosen Option : --

Q.5

In a factory, there are 39 workers who have been categorised into five groups (A, B, C, D, E) on the basis of the range of their daily wages (in multiples of ₹100). It is ensured that the daily wage of no worker is an exact multiple of ₹100. The distribution is presented through the given histogram.



If two Managers are engaged to supervise the workers, with daily wages ranging between ₹700 and ₹800, then what will be the average daily wage (nearest to a ₹) of all members of staff of the factory?

Ans

1. ₹455
2. ₹400
3. ₹467
4. ₹445

Question ID : 81616113589

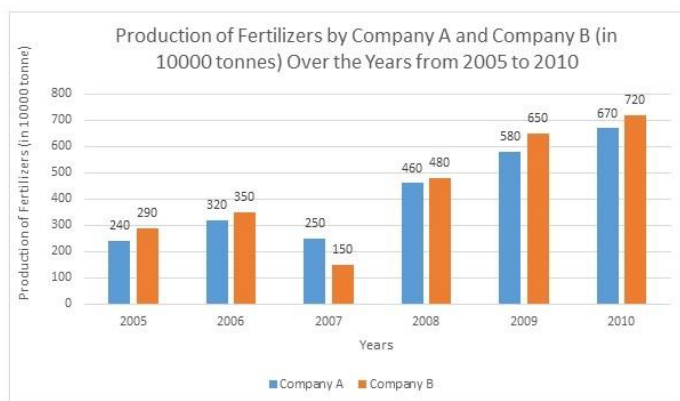
Status : Not Answered

Chosen Option : --

Q.6

The following Bar Graph represents the Production of Fertilizers by Company A and Company B (in 10000 tonnes) Over the Years from 2005 to 2010. The X-axis represents the years, and the Y-axis represents the Production of Fertilizers (in 10000 tonnes).

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



What is the average production (in 10000 tonnes) of fertilizers in 2008, 2009 and 2010 of Company A?

Ans

1. 620
2. 600
3. 570
4. 590

Question ID : 81616112374

Status : Not Answered

Chosen Option : --

Q.7 A trader bought two articles for ₹490. He sold one at a loss of 20% and the other at a profit of 16%. If the selling price of both articles is same, then the cost price (in ₹) of the article sold at 20% loss is:

- Ans ☒ 1. 290
☐ 2. 280
☐ 3. 310
☐ 4. 300

Question ID : 81616113974
Status : Not Answered
Chosen Option : --

Q.8 If a number is first increased by 15%, then reduced by 15%, it results in 782. If the same number is first reduced by 25%, then increased by 25% and again reduced by 20%, then what will be the resulting number?

- Ans ☐ 1. 150
☒ 2. 600
☐ 3. 712
☐ 4. 750

Question ID : 81616112862
Status : Not Answered
Chosen Option : --

Q.9 $\triangle ABC$ is inscribed in a circle with center O, such that $\angle ACB = 115^\circ$. O is joined to A. What is the measure of $\angle OAB$?

- Ans ☐ 1. 20°
☒ 2. 25°
☐ 3. 35°
☐ 4. 30°

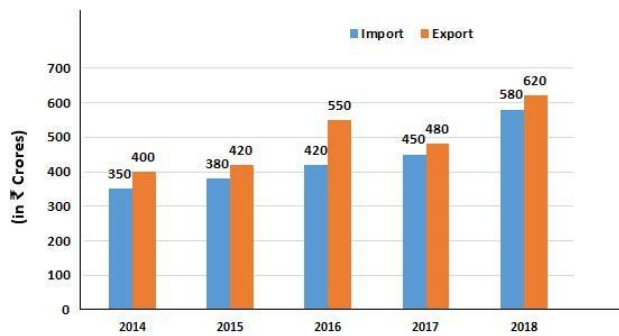
Question ID : 81616114185
Status : Not Answered
Chosen Option : --

Q.10 A certain sum amounts to ₹291600 in 2 years and to ₹314928 in 3 years on compound interest compounded annually. How much will be the simple interest (in ₹) on ₹40000 at the same rate for 2 years?

- Ans ☒ 1. 6400
☐ 2. 9600
☐ 3. 8000
☐ 4. 7500

Question ID : 81616112865
Status : Not Answered
Chosen Option : --

Q.11 The given bar graph shows the imports and exports (in crore ₹) of steel for 5 years from 2014 to 2018.



What is the ratio of average export to average import over the five years?

- Ans ☒ 1. 247 : 218
2. 109 : 247
3. 218 : 247
4. 247 : 109

Question ID : 81616113587

Status : Not Answered

Chosen Option : --

Q.12 In a circle with centre O, AB and CD are two parallel chords on the same side of the diameter. If AB = 12 cm, CD = 18 cm and distance between the chords AB and CD is 3 cm, then find the radius of the circle (in cm).

- Ans ☒ 1. 9
2. 12
3. 15
4. $3\sqrt{13}$

Question ID : 81616112873

Status : Not Answered

Chosen Option : --

Q.13 If $x^2 + 4y^2 = 53$ and $x - 2y = 5$, then what is the value of $x^3 - 8y^3$?

- Ans ☒ 1. 335
2. 155
3. -85
4. 85

Question ID : 81616112871

Status : Not Answered

Chosen Option : --

Q.14 In $\triangle ABC$, D is the mid-point of side AC and E is a point on side AB such that EC bisects BD at F. If AE = 30 cm, then the length of EB is:

- Ans ☒ 1. 18 cm
2. 20 cm
3. 15 cm
4. 10 cm

Question ID : 81616114188

Status : Not Answered

Chosen Option : --

Q.15 In $\triangle ABC$, $DE \parallel AB$, where D and E are the points on sides AC and BC, respectively. If $AD = x - 3$, $AC = 2x$, $BE = x - 2$ and $BC = 2x + 3$, then what is the value of x ?

- Ans
1. 8
 2. 10
 3. 12
 - ✓ 4. 9

Question ID : 81616113985

Status : Not Answered

Chosen Option : --

Q.16 Samir and Puneet can complete the same work in 10 days and 15 days respectively. The work was assigned for ₹4500. After working together for 3 days Samir and Puneet involved Ashok. The work was completed in total 5 days. What amount (in ₹) was paid to Ashok?

- Ans
1. 800
 2. 1071
 3. 1500
 - ✓ 4. 750

Question ID : 81616112866

Status : Not Answered

Chosen Option : --

Q.17 The average height of some students in a group is 156 cm. If 5 students of average height 160 cm join the group, then the average height of all the students in the group increases by 0.8 cm. What is the number of students in the group, initially?

- Ans
1. 15
 - ✓ 2. 20
 3. 25
 4. 10

Question ID : 81616114173

Status : Not Answered

Chosen Option : --

Q.18 The area of a square shaped field is 1764 m^2 . The breadth of a rectangular park is $\frac{1}{3}$ rd the side of the square field and its length is two times its breadth. What is the cost (in ₹) of levelling the park at ₹15 per m^2 ?

- Ans
1. 4200
 2. 4290
 3. 4320
 - ✓ 4. 5880

Question ID : 81616114181

Status : Not Answered

Chosen Option : --

Q.19 A shopkeeper allows 16% discount on every item. Even after giving the discount, he makes a profit of 8%. If he gives 8% discount instead of 16% on an item marked for ₹1800, then what will be his profit percent? (correct to 2 decimal places)

- Ans
- 1. 18.31
 - ✓ 2. 18.29
 - 3. 19
 - 4. 18

Question ID : 81616112457
Status : Not Answered
Chosen Option : --

Q.20 Find the difference between squares of the greatest value and the smallest value of P if the number 5306P2 is divisible by 3.

- Ans
- 1. 68
 - 2. 36
 - ✓ 3. 60
 - 4. 6

Question ID : 81616112858
Status : Not Answered
Chosen Option : --

Q.21 The value of $\frac{\tan^2 30^\circ + \sin^2 90^\circ + \cot^2 60^\circ + \sin^2 30^\circ \cos^2 45^\circ}{\sin 60^\circ \cos 30^\circ - \cos 60^\circ \sin 30^\circ}$ is:

- Ans
- ✗ 1. $\frac{47}{12}$
 - ✗ 2. $\frac{37}{12}$
 - ✗ 3. $\frac{25}{12}$
 - ✓ 4. $\frac{43}{12}$

Question ID : 81616113181
Status : Not Answered
Chosen Option : --

Q.22 If $\sin\left(\frac{2A+B}{2}\right) = \cos\left(\frac{2A-B}{2}\right) = \frac{\sqrt{3}}{2}$, $0^\circ < \frac{2A+B}{2} < 90^\circ$ and $0^\circ < \frac{2A-B}{2} < 90^\circ$ then find the value of $\sin[3(A-B)]$.

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

Question ID : 81616112876
Status : Not Answered
Chosen Option : --

Q.23 The value of $25 \div 15$ of $4 \times [4 \div 5 \times (9 - 7)] - (20 \div 5$ of $9)$ is:

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

Question ID : 81616113970
Status : Not Answered
Chosen Option : --

Q.24 If $x + y = 2$ and $\frac{1}{x} + \frac{1}{y} = \frac{18}{5}$, then the value of $(x^3 + y^3)$ is:

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

Question ID : 81616113980
Status : Not Answered
Chosen Option : --

Q.25 Fourth proportion to 12, 18, and 6 is same as the third proportion to k and 6. What is the value of k?

- Ans
- ☐ 1. 13.5
 - ☐ 2. $3\sqrt{6}$
 - ☐ 3. 3
 - ☒ 4. 4

Question ID : 81616112460
Status : Not Answered
Chosen Option : --

Section : English Comprehension

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

- A. I was shocked to find my house unlocked.
- B. To my astonishment, I found that my son, who had a spare key, had come in my absence.
- C. Last Sunday I returned home late at night.
- D. I ran inside in fear that my house has been robbed.

- Ans
- ☒ 1. ABCD
 - ☒ 2. CDAB
 - ☒ 3. CADB
 - ☒ 4. BCDA

Question ID : 81616112492
Status : Answered
Chosen Option : 3

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

A place in a large institution, for the care of those who are ill

- Ans ☒ 1. Infirmary
☒ 2. Hostel
☒ 3. Hangar
☒ 4. Dormitory

Question ID : 81616112903
Status : Answered
Chosen Option : 1

Q.3 Select the most appropriate meaning of the given idiom.

At the eleventh hour

- Ans ☒ 1. At the very last minute
☒ 2. One hour before midnight
☒ 3. At 11:00 p.m.
☒ 4. At 11:00 a.m.

Question ID : 81616112497
Status : Answered
Chosen Option : 2

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

We _____ the marks of the students on different subjects and compared their performance for the year.

- Ans ☒ 1. inspected
☒ 2. probed
☒ 3. questioned
☒ 4. analysed

Question ID : 81616114221
Status : Answered
Chosen Option : 4

Q.5 Select the most appropriate ANTONYM of the given word.

Hazard

- Ans ☒ 1. Gamble
☒ 2. Risk
☒ 3. Peril
☒ 4. Safety

Question ID : 81616114010
Status : Answered
Chosen Option : 4

Q.6 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution required'.

I asked Rahul that how far was his office from his home.

- Ans
- ☒ 1. then how far was his office
 - ☒ 2. No substitution required
 - ☒ 3. how far his office was
 - ☒ 4. that how far his office is

Question ID : 81616112887

Status : Not Answered

Chosen Option : --

Q.7 Select the option that can be used as a one-word substitute for the given group of words.

A group of stars

- Ans
- ☒ 1. Constellation
 - ☒ 2. Planets
 - ☒ 3. Congregation
 - ☒ 4. Astronomy

Question ID : 81616112904

Status : Not Answered

Chosen Option : --

Q.8 Select the most appropriate meaning of the given idiom.

A storm in a teacup

- Ans
- ☒ 1. Unnecessary tension
 - ☒ 2. A sudden storm during teatime
 - ☒ 3. Disarranging the cutlery
 - ☒ 4. Lot of fuss that will soon be forgotten

Question ID : 81616112498

Status : Answered

Chosen Option : 3

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

My New Year's _____ is to think positive always.

- Ans
- ☒ 1. resolution
 - ☒ 2. celebration
 - ☒ 3. repetition
 - ☒ 4. confession

Question ID : 81616112907

Status : Answered

Chosen Option : 1

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

Help the needy people.

- Ans ☒ 1. Let the needy people be helped.
☒ 2. The needy people are been helped.
☒ 3. Let the needy people being helped.
☒ 4. The needy people are helping.

Question ID : **81616112885**
Status : **Not Answered**
Chosen Option : --

Q.11 Select the **INCORRECTLY** spelt word.

- Ans ☒ 1. Perpetuate
☒ 2. Electronics
☒ 3. Dilemma
☒ 4. Professional

Question ID : **81616114017**
Status : **Answered**
Chosen Option : 3

Q.12 Select the most appropriate **ANTONYM** of the given word.

Magnificent

- Ans ☒ 1. Opulent
☒ 2. Grandiose
☒ 3. Mighty
☒ 4. Modest

Question ID : **81616112496**
Status : **Not Answered**
Chosen Option : --

Q.13 Select the option that will substitute the underlined part of the given sentence. In case no substitution is needed, select 'No substitution required'.

Among applied sciences, medicine is one which have given man some power over death.

- Ans ☒ 1. is one which has given
☒ 2. are one which given
☒ 3. is the one which gave
☒ 4. No substitution required

Question ID : **81616114201**
Status : **Answered**
Chosen Option : 3

Q.14 Select the **INCORRECTLY** spelt word.

- Ans ☒ 1. Photgraph
☒ 2. Processing
☒ 3. Competency
☒ 4. Boundary

Question ID : **81616114016**
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.

The recruiters / were pleased / to John's / domain knowledge and personality.

- Ans ☒ 1. to John's
☐ 2. domain knowledge and personality
☐ 3. The recruiters
☐ 4. were pleased

Question ID : 81616112479

Status : Not Answered

Chosen Option : --

Q.16 The following sentence has been divided into parts. One of them contains an error.
Select the part that contains the error from the given options.

Raman putted the vegetables / in the frying pan / and after adding some water, / closed the lid.

- Ans ☐ 1. closed the lid
☐ 2. and after adding some water
☒ 3. Raman putted the vegetables
☐ 4. in the frying pan

Question ID : 81616112884

Status : Not Answered

Chosen Option : --

Q.17 Select the most appropriate synonym of the given word.

Adjust

- Ans ☐ 1. Shift
☒ 2. Adapt
☐ 3. Change
☐ 4. Move

Question ID : 81616114210

Status : Answered

Chosen Option : 2

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

Slack

- Ans ☒ 1. Careless
☐ 2. Keen
☐ 3. Active
☐ 4. Lively

Question ID : 81616114211

Status : Answered

Chosen Option : 2

Q.19 Select the option that expresses the given sentence in reported speech.

"Is the door closed?" Alka asked Tarun.

- Ans ☒ 1. Alka asked Tarun if the door is closed.
☒ 2. Alka asked Tarun is the door close.
☒ 3. Alka asked Tarun whether she closed the door.
☒ 4. Alka asked Tarun whether the door was closed.

Question ID : 81616114199

Status : Answered

Chosen Option : 2

Q.20 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. Whichever soonest made a traveller take off his cloak should be accounted the more powerful.
B. They agreed to put the point to test.
C. A dispute once arose between the wind and the sun to decide which was the stronger of the two.
D. The wind began, and blew with all his might and sent a blast, cold and fierce as a storm.

- Ans ☒ 1. ACDB
☒ 2. CDBA
☒ 3. BCDA
☒ 4. CBAD

Question ID : 81616114006

Status : Not Answered

Chosen Option : --

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.

"Everything in Bhutan is chemical-free, all fruits and vegetables are (1)_____organically, so whatever you buy is (2)_____farm produced as the (3)_____of the population indulge in farming for (4)_____, " says my taxi driver Karma Chime. "We use turmeric on wounds, also to dye (5)_____and it is added extensively in our cooking. Also, many believe it is anti-cancer and can treat tumours.

SubQuestion No : 21

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

- Ans ☒ 1. grown
☒ 2. grow
☒ 3. grows
☒ 4. grew

Question ID : 81616114001

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.

"Everything in Bhutan is chemical-free, all fruits and vegetables are (1)_____organically, so whatever you buy is (2)_____farm produced as the (3)_____of the population indulge in farming for (4)_____,," says my taxi driver Karma Chime. "We use turmeric on wounds, also to dye (5)_____and it is added extensively in our cooking. Also, many believe it is anti-cancer and can treat tumours.

SubQuestion No : 22

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

- Ans ☒ 1. nearly
☒ 2. nearby
☒ 3. locally
☒ 4. closely

Question ID : 81616114002

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.

"Everything in Bhutan is chemical-free, all fruits and vegetables are (1)_____organically, so whatever you buy is (2)_____farm produced as the (3)_____of the population indulge in farming for (4)_____,," says my taxi driver Karma Chime. "We use turmeric on wounds, also to dye (5)_____and it is added extensively in our cooking. Also, many believe it is anti-cancer and can treat tumours.

SubQuestion No : 23

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

- Ans ☒ 1. mass
☒ 2. common
☒ 3. community
☒ 4. majority

Question ID : 81616114003

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.

"Everything in Bhutan is chemical-free, all fruits and vegetables are (1)_____organically, so whatever you buy is (2)_____farm produced as the (3)_____of the population indulge in farming for (4)_____,," says my taxi driver Karma Chime. "We use turmeric on wounds, also to dye (5)_____and it is added extensively in our cooking. Also, many believe it is anti-cancer and can treat tumours.

SubQuestion No : 24

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

- Ans ☒ 1. conservation
☒ 2. nutrition
☒ 3. sustenance
☒ 4. provision

Question ID : 81616114004

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.

"Everything in Bhutan is chemical-free, all fruits and vegetables are (1)_____organically, so whatever you buy is (2)_____farm produced as the (3)_____of the population indulge in farming for (4)_____, " says my taxi driver Karma Chime. "We use turmeric on wounds, also to dye (5)_____and it is added extensively in our cooking. Also, many believe it is anti-cancer and can treat tumours.

SubQuestion No : 25

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

- Ans  1. attires
 2. fashions
 3. covering
 4. garments

Question ID : **81616114005**

Status : **Answered**

Chosen Option : **3**