

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ 1 Industrial Area Panki
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

Q.1 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.



Ans

- ✓ 1.

ƒ ɹ ʌ ʞ ʇ ʌ M
- ✗ 2.

ƒ ɹ ʌ ʞ ʇ ʌ M
- ✗ 3.

W ʌ ƒ ʞ ʇ ʌ M
- ✗ 4.

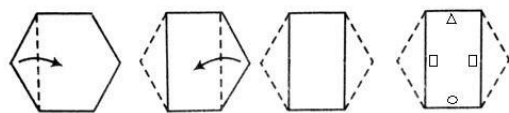
ƒ ɹ ʌ ʞ ʇ ʌ M

81616114143

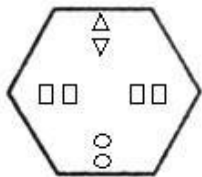
Answered

1

Q.2 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?

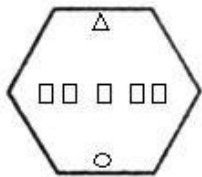


Ans

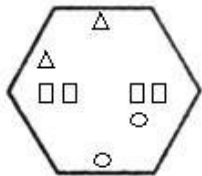


Ans

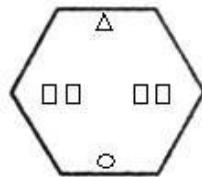
✗ 1.



✗ 2.



✗ 3.



81616114144
Answered
1

Q.3 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

Ans

✓ 4.

81616113921
Answered
1

Question ID : 81616114144

Status : Answered

Chosen Option : 1

Q.3 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd one out.

Q.4 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

Ans ☒ 1. NBSV

Ans ☐ 2. QTWZ

☐ 3. XADG

☐ 4. BEHK

81616114129
Question ID : 81616113921

Status : Answered

Chosen Option : 1

Q.5

(7, 21, 49)
Q.4 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, e, c, e, k

☐ 2. b, e, b, f, c, k, e

☒ 3. b, f, b, e, c, k, e

☐ 4. b, f, b, c, e, k, e

Q.6 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

Question ID : 81616114129

Status : Answered

Chosen Option : 3

Q.5 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. (6, 18, 36)

☐ 2. (8, 24, 64)

☐ 3. (5, 15, 25)

☒ 4. (9, 27, 72)

81616114138
Answered
4

Question ID : 81616112418

Status : Answered

Chosen Option : 4

Q.6 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)

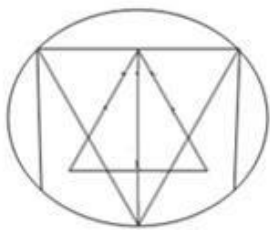
- Ans  1. 77
-  2. 61
-  3. 87
-  4. 71

Question ID : 81616114138

Status : Answered

Chosen Option : 4

Q.7 Find the number of triangles in the given figure.



Ans

- Ans
- 1. 13
 - 2. 17
 - ✓ 3. 15
 - 4. 19

81616112827
Answered
2

Q.8 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

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

Question ID : 81616112827

Ans

Status : Answered

Chosen Option : 2

Q.8 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

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

81616112824
Answered
1

- Ans
- ✓ 1. -, +, ÷, ×, -, +, =

Q.9 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

- ✗ 2. -, +, ÷, ×, =, -, +
- ✗ 3. -, +, ×, ÷, -, +, =

BOARD, BOARW, BOAIW, ?, BLZIW, YLZIW

- Ans
- ✗ 4. +, -, ÷, ×, =, -, +

Question ID : 81616112824

Status : Answered

Chosen Option : 1

Q.9 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

BOARD, BOARW, BOAIW, ?, BLZIW,

81616114121
Answered
1

- YLZIW Ans
- ✓ 1. BOZIW

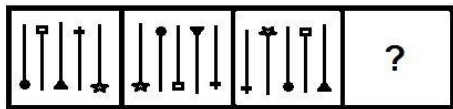
- ✗ 2. BOAIW
- ✗ 3. BLZRW
- ✗ 4. BOZRW

Question ID : 81616114121 Status : Answered

Chosen Option : 1

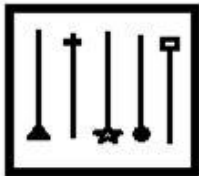
Q.10
Q.10

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



Ans

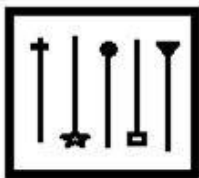
1.



✗

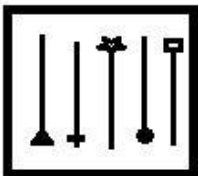
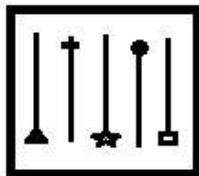
✗

2.



✓

3.



Question ID : 81616113937

Status : Answered

Chosen Option : 3

Q.11 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
Ans

✗ 1. D-SW-U

✗ 2. C-SU-V

✓ 3. D-SW-V

✗ 4. C-TV-W

Question ID : 81616112410

Status : Answered

Chosen Option : 3

Q.12 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. 495
-  2. 505
-  3. 523
-  4. 580

Question ID : 81616112416

Status : Answered

Chosen Option : 4

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.

Awful : Nice : : Nomadic : ?

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

Question ID : 81616113923

Status : Answered

Chosen Option : 4

Q.14 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, 4, 3, 6, 2, 5
-  2. 1, 3, 6, 4, 2, 5
-  3. 1, 3, 4, 6, 5, 2
-  4. 1, 3, 4, 6, 2, 5

Question ID : 81616113920

Status : Answered

Chosen Option : 4

Q.15 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically 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 II follows
-  4. Only conclusion I follows

Question ID : 81616112414

Status : Answered

Chosen Option : 4

Q.16 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. 90
-  3. 86
-  4. 84

Question ID : 81616112815

Status : Answered

Chosen Option : 2

Q.17 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. (20, 15, 42)
-  2. (76, 57, 176)
-  3. (56, 24, 68)
-  4. (36, 27, 77)

Question ID : 81616112823

Status : Not Attempted

and
Marked For Review

Chosen Option : --
Q.12 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

Ans

81616112416
Answered
4

Q.18 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. 176
 - ☒ 2. 168
 - ☒ 3. 192
 - ☒ 4. 202

Question ID : 81616113930

Status : Answered

Chosen Option : 3

Q.19 Select the option in which the words share the same relationship as that shared by the given pair of words.

Dentist : Hospital

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

Question ID : 81616114126

Status : Answered

Chosen Option : 3

Q.20 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. Vivacious
 - ☒ 2. Sluggish
 - ☒ 3. Lethargic
 - ☒ 4. Passive

Question ID : 81616112811

Status : Not Answered

Chosen Option : --

Q.21 Select the option in which the given figure is embedded (rotation is NOT allowed).

Q.21



Ans

1.



2.



3.



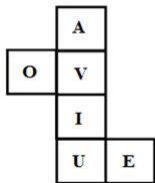
4.



81616114142
Answered
2

Q.22

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

Ans

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

81616112828
Answered
2

Q.23

Question ID : 81616112828

Status : Answered

Chosen Option : 2

Q.23 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. 5237 : 4003

 2. 4327 : 2003

 3. 3527 : 2293

 4. 2347 : 1113

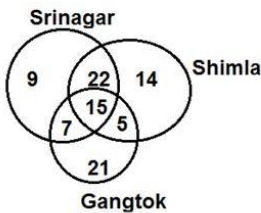
Question ID : 81616112821

Status : Answered

Chosen Option : 4

Ans

Q.24 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

- Ans
- ✓ 1. 49
 - 2. 27
 - 3. 15

81616112428

Answered

4

Q.25 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

Question ID : 81616112428

Status : Answered

Chosen Option : 4

Q.25 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. Father
 - ✗ 2. Maternal uncle
 - ✗ 3. Son
 - ✓ 4. Husband

Question ID : 81616114130

Status : Answered

81616114163

Chosen Option : 4

Answered

1

Q.1 Who among the following won the 'Indian Personality of the Year Award' during the 51st International Film Festival?

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

Question ID : 81616114163

Status : Answered

Chosen Option : 1

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

occur? Ans  1. 1875

 2. 1790

 3. 1905

 4. 1890

Question ID : 81616112846

Status : Answered

Chosen Option : 1

Q.3 As of 26th January 2021, who is the Lok Sabha

Speaker? Ans  1. JP Nadda

 2. Rajnath Singh

 3. Om Birla

 4. Nitin Gadkari

Question ID : 81616113960

Status : Answered

Chosen Option : 3

Q.4 ‘Jadopatiya’ is a form of___popular in the state of

Jharkhand. Ans  1. painting

 2. music

 3. sculpture

 4. dance

Question ID : 81616112429

Status : Answered

Chosen Option : 1

Q.5 Article 21A of the Constitution of India provides Right to__.

Ans  1. Work

 2. Privacy

 3. Equality

 4. Education

Question ID : 81616114165

Status : Answered

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

Ans

Chosen Option : 4

81616112846
Answered
1

Q.6 'Swasthya Sathi' scheme is the health insurance scheme that covers the entire population of which of the following states?
Q.3 As of 26th January 2021, who is the Lok Sabha Speaker?

Ans

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

81616113960
Answered
3

Question ID : 81616112839

Q.4 'Jadopatiya' is a form of _____ popular in the state of Jharkhand.

Ans

Status : Not Answered

Chosen Option : --

Q.7 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. Tripura
-  2. Uttarakhand
-  3. Assam
-  4. Kerala

Question ID : 81616112834

Status : Answered

Chosen Option : 2

Q.8 What is the abbreviated form of the IPL franchise cricket team from

- Chennai? Ans  1. CA
-  2. CSK
-  3. CL
-  4. GCW

Question ID : 81616113964

Status : Answered

Chosen Option : 2

Q.9 Which of the following states topped the second edition of the Indian Innovation Index released by NITI Aayog in January 2021?

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

Question ID : 81616112836

Status : Answered

Chosen Option : 3

Q.10 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. Help
-  2. Habitat
-  3. Harvest
-  4. Heavy

Question ID : 81616114148

Status : Answered

Chosen Option : 1	
Q.11 In which of the following states is Anchar Lake located? Ans  1. Meghalaya  2. Assam  3. Jammu and Kashmir  4. Bihar Question ID : 81616112842 Status : Answered Chosen Option : 4	
Q.12 Who among the following rulers is called the ‘Napoleon of India’? Ans  1. Bindusara  2. Chandragupta I  3. Samudragupta  4. Ashoka Question ID : 81616112441 Status : Answered Chosen Option : 3	
Q.13 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. Askaryan effect  2. Zeeman effect  3. Bezold effect  4. Domino effect Question ID : 81616112433 Status : Answered Chosen Option : 4	
Q.14 Which of the following states won the National Award for Best Electoral Practices 2020? Ans  1. Mizoram  2. Meghalaya  3. Kerala  4. Karnataka Question ID : 81616114169 Status : Answered Chosen Option : 3	

Q.15 Deserts, rain forests, coral reefs and mangroves are features of __diversity.

Q.20 In which of the following states is Anchar Lake located?

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

81616112842

81616113966

81616114160

81616113949

Question ID : 81616113949

Status : Answered

Chosen Option : 1

Q.21

Q.16 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

Q.22

Question ID : 81616113966

Status : Answered

Chosen Option : 3

Q.17 Which of the following is NOT in

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

Question ID : 81616114156

Status : Answered

Chosen Option : 3

Q.18 Topaz is a ____ of fluorine and aluminium. Ans ☒ 1. silicate

- ☐ 2. sulphate
- ☐ 3. phosphate
- ☐ 4. carbonate

Question ID : 81616113955

Status : Answered

Chosen Option : 2

Q.19 When is the statehood day of Tripura

observed? Ans  1. 12 March

 2. 3 October

 3. 21 February

 4. 21 January

Question ID : 81616112851

Status : Answered

Chosen Option : 4

Ans

81616112436
Answered
4

Q.23 Which of the following state governments launched the long-awaited policy of manufactured sand in January 2021?

Ans

Q.24 Who among the following laid the foundations of the Indian National Movement by founding the Indian Association at Calcutta in 1876?

Ans founding the Indian Association at Calcutta in 1876?

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

81616112444
Answered
1

Question ID : 81616112444

Q.25 Who among the following is an Indian Paralympic swimmer?

Ans

Status : Answered

Chosen Option : 1

Q.25 Who among the following is an Indian Paralympic

swimmer? Ans ☐ 1. Sukant Kadam

- ☒ 2. Sharath M Gayakwad
- ☐ 3. Gaurav Khanna
- ☐ 4. Pramod Bhagat

Question ID : 81616112450

Status : Not Answered

Chosen Option : --

Section : Quantitative Aptitude

81616112450
Not Answered

Q.1 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

81616114173
Answered
1

- Ans ☒ 1. 20
- Q.2 ☐ 2. 15
- Ans ☐ 3. 25
- ☐ 4. 10

Question ID : 81616114173

Status : Answered

Chosen Option : 1

3

Q.2 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. 300
- 2. 280
- 3. 310
- ✓ 4. 290

Question ID : 81616113974

Status : Answered

Chosen Option : 3

Q.3

Ans

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. 2
 - 2. 1
 - ✓ 3. 4
 - 4. 0

81616114190

Answered
Question ID : 81616114190

Status : Answered

Q.4

Chosen Option : 3

Ans

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

- Ans
- 1. -85
 - 2. 85
 - 3. 155
 - ✓ 4. 335

81616112871

Answered
4

Question ID : 81616112871

Q.5

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:

Status : Answered

Chosen Option : 4

Ans

Q.5

12

Ans

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

81616113181

Answered
4

Question ID : 81616113181

Status : Answered

Chosen Option : 4

Q.6 If $x + y = 2$ and $\frac{1}{x} + \frac{1}{y} = \frac{18}{5}$, then the value of $(x^3 + y^3)$ is:

Ans $3\frac{1}{3}$

Ans ~~1.~~

2. $4\frac{3}{5}$

3. $3\frac{1}{5}$

4. $4\frac{2}{3}$

81616113980

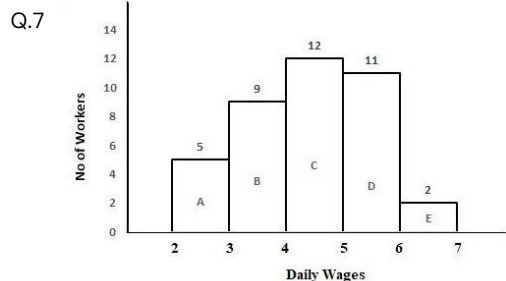
Answered

Question ID : 81616113980

Status : Answered

Q.7 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.

Chosen Option : 3



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

81616113589

Not Answered

-

Ans 1. ₹445

Q.8 The area of a square 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 3 times its breadth. What is the cost (in ₹) of levelling the park at ₹15 per m^2 ?

Ans 3. ₹455
4. ₹467

Question ID : 81616113589

Status : Not Answered

Chosen Option 81616114181

Answered

1

Q.8

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

Question ID : 81616114181

Status : Answered

Chosen Option : 1

Q.9

Ans

Ans

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

- 1. 27
- 2. -63
- 3. 72
- ✓ 4. 117

81616112466

Answered

Question ID : 81616112466

Status : Answered

Chosen Option : 4

Q.10

Ans

Q.10 $\triangle ABC$ is inscribed in a circle with center O, such that $\angle ACB = 115^\circ$. O is joined to A. What is the measure of $\angle OAB$?

- 1. 35°
- 2. 20°
- 3. 30°
- ✓ 4. 25°

81616114185

Not Attempted and
Marked For Review

Question ID : 81616114185

Status : Not Attempted

Chosen Option : --

Q.11 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?

and
Marked For Review

Ans

Q.11

Ans

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

81616112866

Answered

2

Q.12

Ans

- $\frac{1}{2}$
- $\frac{\sqrt{3}}{2}$

Question ID : 81616112866

Status : Answered

Chosen Option : 2

Q.12 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.

✗ 2.

- 3. 1
- ✓ 4. $\frac{1}{\sqrt{2}}$

81616112876

Answered

4

Question ID : 81616112876

Status : Answered

Chosen Option : 4

Q.13

Ans
Ans

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

 1. $\frac{2}{3}$

2. $\frac{1}{3}$

3. $\frac{2}{9}$

4. $\frac{4}{9}$

81616113970

Question ID : 81616113970
3

Status : Answered

Q.14

A boat goes 27 km upstream and 33 km downstream in 6 hours. In the same time it can go 36 km upstream and 20 km downstream. How much time will it take to go 50 km upstream and 44 km downstream.

Chosen Option : 3

Ans

Ans 1. 8 h 10 m

2. 7 h 50 m

3. 8 h 30 m

 4. 8 h

81616112463

Answered
3

Question ID : 81616112463

Q.15

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)

Status : Answered

Chosen Option : 3

Ans

Q.15

Ans 1. 19

2. 18.31

 3. 18.29

4. 18

81616112457

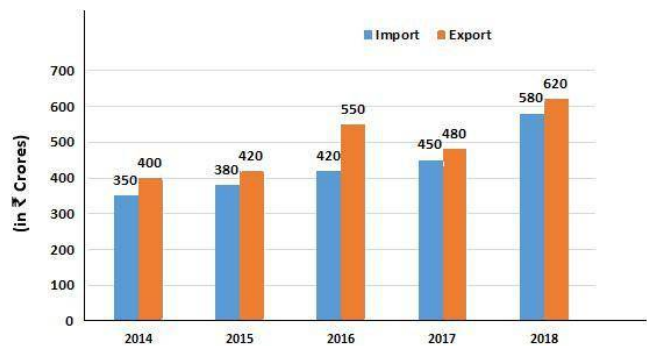
Answered
3

Question ID : 81616112457

Status : Answered

Chosen Option : 3

Q.16 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

- Ans
1. 109 : 247
 2. 218 : 247

81616113587
Answered
4

Q.17 In a circle, 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

3. 247 : 109
4. 247 : 218

Question ID : 81616113587
Status : Answered
Chosen Option : 4

Q.17

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

81616112873
Answered
3

Question ID : 81616112873
Status : Answered
Chosen Option : 3

Q.18 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 2 $\frac{18}{41}$

Ans ~~1.~~

2. 0

✓ 3. 5

4. 4 $\frac{16}{21}$

Q.19

Ans

81616112376
Not Answered
-

Question ID : 81616112376

Status : Not Answered

Chosen Option : --

Q.19 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

Q.20

Ans

81616112460
Answered
2

Question ID : 81616112460

Status : Answered

Chosen Option : 2

Q.20 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. 10 cm

2. 20 cm

✓ 3. 15 cm

4. 18 cm

81616114188
Answered
3

Question ID : 81616114188

Status : Answered

Chosen Option : 3

Q.21 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

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

81616113985

Not Answered

Question ID : 81616113985

Q.22 Find the difference between squares of the greatest value and the smallest value of P if the number 5306P2 is divisible by 3. Status : Not Answered

Chosen Option : --

Ans

Q.22

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

81616112858

Answered

3

Q.23 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? Question ID : 81616112858

Ans

Status : Answered

Chosen Option : 3

Q.23

- Ans
- ✓ 1. 6400
 - 2. 8000
 - 3. 7500
 - 4. 9600

81616112865

Not Answered

-

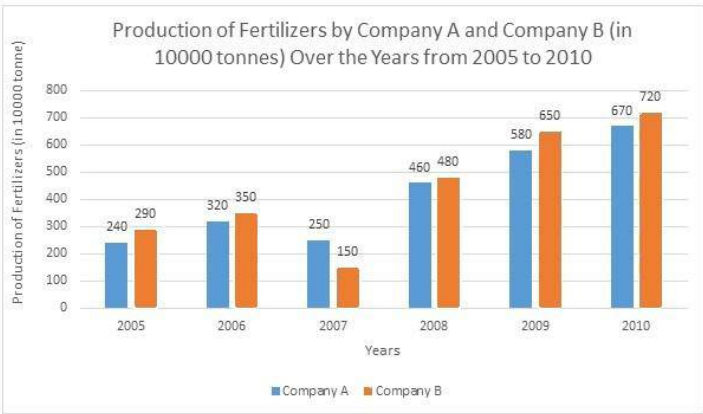
Question ID : 81616112865

Status : Not Answered

Chosen Option : --

Q.24 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

81616112374
Answered
1

Q.25 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. 570
2. 590
3. 600
4. 620

Question ID : 81616112374

Status : Answered

Chosen Option : 1

Q.25

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

Question ID : 81616112862

Status : Answered

Chosen Option : 2

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 required'.

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

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

Question ID : 81616112887

Status : Answered

Chosen Option : 1

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

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

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

Question ID : 81616112907

Status : Answered

Chosen Option : 2

Q.3 Select the option that expresses the given sentence in reported speech.

"Is the door closed?" Alka asked Tarun.

- Ans  1. Alka asked Tarun is the door close.
-  2. Alka asked Tarun if the door is closed.
-  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 : 4

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

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

A place in a large institution, for the care of those who
I asked Rahul that how far was his office from his home.

Ans ill Ans  1. Hangar

 2. Hostel

 3. Infirmary

 4. Dormitory

81616112887
Answered

Question ID : 81616112903

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

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

Status : Answered

Chosen Option : 4

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

Help the needy people.

Ans Help the needy people.

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

Q.6 Select the INCORRECTLY spelt word.

Ans

Question ID : 81616112885

Status : Answered

Chosen Option : 2

Q.6 Select the INCORRECTLY spelt

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

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

Magnificent

Ans

Question ID : 81616114017

Status : Answered

Chosen Option : 3

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

Magnificent

- Ans  1. Modest

Q.8 Select the most appropriate synonym of the given word.

-  2. Mighty

-  3. Opulent

- Ans  4. Grandiose

81616112496
Answered
3

Question ID : 81616112496

Status : Answered

Chosen Option : 3

Q.9 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. questioned
 - ☒ 2. inspected
 - ☒ 3. analysed
 - ☒ 4. probed

Question ID : 81616114221

Status : Answered

Chosen Option : 3

Q.10 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. and after adding some water
 - ☒ 2. closed the lid
 - ☒ 3. in the frying pan
 - ☒ 4. Raman putted the vegetables

Question ID : 81616112884

Status : Answered

Chosen Option : 4

Q.11 Select the INCORRECTLY spelt

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

Question ID : 81616114016

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

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

Question ID : 81616112479

Status : Answered

Chosen Option : 3

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

At the eleventh hour

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

Question ID : 81616112497

Status : Answered

Chosen Option : 4

Q.14 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. CDAB
 - ☒ 2. ABCD
 - ☒ 3. BCDA
 - ☒ 4. CADB

Question ID : 81616112492

Status : Answered

Chosen Option : 4

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

Adjust

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

Question ID : 81616114210

Status : Answered

Chosen Option : 1

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

A group of stars

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

Question ID : 81616112904

Status : Answered

Chosen Option : 2

Q.17 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 the one which gave
-  2. No substitution required
-  3. is one which has given
-  4. are one which given

Question ID : 81616114201

Status : Answered

Chosen Option : 1

Q.18 Select the most appropriate meaning of the given idiom.

A storm in a teacup

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

Question ID : 81616112498

Status : Answered

Chosen Option : 4

Q.19 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. BCDA
-  2. CDBA
-  3. CBAD
-  4. ACDB

Question ID : 81616114006

Status : Answered

Chosen Option : 3

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

Hazard

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

Question ID : 81616114010

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.

“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. grew

 3. grows

 4. grow

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. locally

 2. closely

 3. nearby

 4. nearly

Question ID : 81616114002

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 : 23

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

3. Ans  1. community

 2. common

 3. majority

 4. mass

Question ID : 81616114003

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.

“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. sustenance

 3. provision

 4. nutrition

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. fashions

 2. covering

 3. attires

 4. garments

Question ID : 81616114005

Status : Answered

Chosen Option : 4