

Combined Higher Secondary Level (10+2) Examination-2018

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Test Venue	iON Digital Zone iDZ Sector 34
Test Time	4:00 PM - 5:00 PM
Test Date	01/07/2019

Section : General Intelligence

Q.1 उस शब्द-युग्म का चयन करें जिसमें दो शब्द उसी तरह से संबंधित हैं जैसे निम्नलिखित शब्द-युग्म में दो शब्द संबंधित हैं।

तितलियाँ : लेपिडोप्टेरिस्ट

- Ans
- ☒ 1. क्रोमोसोम : वनस्पतिशास्त्री
 - ☒ 2. पोस्टकार्ड : डेल्टीओलॉजिस्ट
 - ☒ 3. गहने : जौहरी
 - ☒ 4. मानचित्र : मानचित्रकार

Question ID : 98958015400

Status : Answered

Chosen Option : 1

Q.2 निम्नलिखित शब्दों को तार्किक और सार्थक क्रम में व्यवस्थित करें।

1. बंदर
2. हाथी
3. चूहा
4. मक्खी
5. शेर

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

Question ID : 98958015393

Status : Answered

Chosen Option : 3

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

GATE : HXYX :: SINK : _____

- Ans
- ☒ 1. TGSE
 - ☒ 2. TETD
 - ☒ 3. TESD
 - ☒ 4. TFSD

Question ID : 98958015396

Status : Not Attempted and
Marked For Review

Q.4 निम्नलिखित चार शब्दों में से तीन शब्द एक निश्चित तरीके से एक जैसे हैं और एक अलग है। उस अलग शब्द को चुनिए।

- Ans
- ☒ 1. हिनहिनाना
 - ☒ 2. हूहू करना
 - ☒ 3. टहलना
 - ☒ 4. गर्जना

Question ID : 98958015402

Status : Answered

Chosen Option : 3

Q.5 In a code language, BLEND is written as ENHPG. How will WINNER be written in the same language ?

- Ans
- ☒ 1. ZKQPHT
 - ☒ 2. ZKQPHU
 - ☒ 3. YKQPHT
 - ☒ 4. ZKOPHT

Question ID : 98958015394

Status : Answered

Chosen Option : 1

Q.6 If V = 44 and FAT = 54, then how will you code LATE?

- Ans
- ☒ 1. 76
 - ☒ 2. 110
 - ☒ 3. 54
 - ☒ 4. 19

Question ID : 98958015395

Status : Answered

Chosen Option : 3

Q.7 In a family, B is the father of K. B has only two children. K is the brother of R. R is the daughter of P. A is the grand-daughter of P. S is the father of A. How is S related to K?

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

Question ID : 98958015399

Status : Answered

Chosen Option : 2

Q.8 A plastic toy costs ₹7. A plastic spoon costs ₹5. X spends ₹38 on these plastic items. Find the number of plastic toys he/she purchased?

- Ans
- ☒ 1. 3
 - ☒ 2. 4

✗ 3. 5

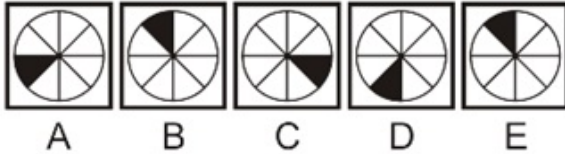
✗ 4. 2

Question ID : 98958015404

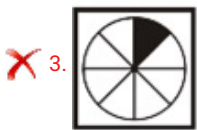
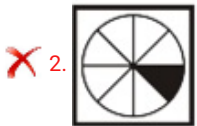
Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.9 Select the figure that will come next in the following figure series.



Ans



Question ID : 98958015412

Status : Answered

Chosen Option : 1

Q.10 Three of the following four letter-clusters are alike in a certain way and one is different.
Pick the odd one out.

Ans ✓ 1. HSKPM

✗ 2. PKS HV

✗ 3. DWGTJ

✗ 4. JQMNP

Question ID : 98958015401

Status : Answered

Chosen Option : 2

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

(4, 14, 44)

Ans ✓ 1. (11, 35, 107)

✗ 2. (5, 15, 30)

☒ 3. (7, 23, 69)

☒ 4. (9, 30, 57)

Question ID : 98958015407

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.12 Which two signs should be interchanged in the following equation to make it correct?

$$132 \times 11 + 8 - 3 \div 12 = -16$$

Ans ☒ 1. + and -

☒ 2. \times and \div

☒ 3. + and \times

☒ 4. - and \times

Question ID : 98958015405

Status : **Answered**

Chosen Option : 2

Q.13 Four different positions of the same dice are shown. Find the number on the face opposite to the one having 3.



Ans ☒ 1. 6

☒ 2. 4

☒ 3. 2

☒ 4. 1

Question ID : 98958015411

Status : **Answered**

Chosen Option : 3

Q.14 Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest .

Ans ☒ 1. 5138

☒ 2. 3128

☒ 3. 9178

☒ 4. 7158

Question ID : 98958015410

Status : **Answered**

Chosen Option : 2

Q.15 Select the option in which the given figure is embedded.



Ans

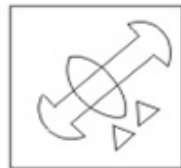
✗ 1.



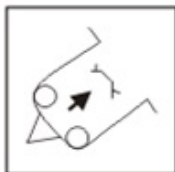
✗ 2.



✓ 3.



✗ 4.



Question ID : 98958015414

Status : Answered

Chosen Option : 1

Q.16 Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.



Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 98958015416

Status : Answered


Chosen Option : 4

Q.17 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(4, 152, 6)

Ans ✗ 1. (5, 287, 8)

 2. (4, 179, 7)

 3. (3, 55, 4)

 4. (2, 208, 6)

Question ID : 98958015408

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.18 Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All rocks are oceans.

All oceans are balloons.

Some watches are balloons.

Conclusions:

I. Some balloons are rocks.

II. Some watches are oceans.

III. All oceans are rocks.

Ans  1. Only conclusion II follows.

 2. Only conclusions I and III follow.

 3. Only conclusions I and II follow.

 4. Only conclusion I follows.

Question ID : 98958015403

Status : **Answered**

Chosen Option : 2

Q.19 Which number will replace the question mark (?) in the following series?

5, 8, 20, 34, 76, 142, ?

Ans  1. 284

 2. 302

 3. 296

 4. 272

Question ID : 98958015409

Status : **Not Answered**

Chosen Option : --

Q.20 Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.

7 : 85

Ans  1. 3 : 31

 2. 2 : 9

 3. 5 : 43

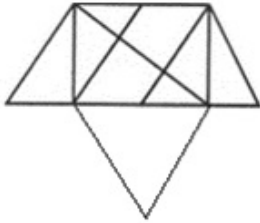
 4. 8 : 113

Question ID : 98958015406

Status : **Answered**

Chosen Option : 2

Q.21 How many triangles are present in the following figure?



- Ans
- ☒ 1. 14
 - ☒ 2. 15
 - ☒ 3. 16
 - ☒ 4. 13

Question ID : 98958015413
Status : Answered
Chosen Option : 2

Q.22 'Chickenpox' is related to 'Virus' in the same way as 'Ringworm' is related to '_____'.

- Ans
- ☒ 1. Protozoan
 - ☒ 2. Bacterium
 - ☒ 3. Nematodes
 - ☒ 4. Fungus

Question ID : 98958015397
Status : Answered
Chosen Option : 4

Q.23 A paper is folded and cut as shown in the following figures. How will it appear when unfolded?



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.

✗ 4.



Question ID : 98958015415

Status : Answered

Chosen Option : 3

Q.24 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

abc_dab__d_b_cdab_c_

- Ans
- ✗ 1. cacacdc
 - ✗ 2. acacdcc
 - ✗ 3. ccaacdc
 - ✓ 4. cccaccd

Question ID : 98958015398

Status : Answered

Chosen Option : 4

Q.25 उस वेन आरेख का चयन करें जो निम्नलिखित वर्गों के बीच के संबंध को सबसे अच्छा दर्शाता है।

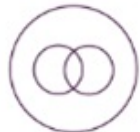
आलस्य, चिंता, शक्ति

Ans

✗ 1.



✗ 2.



✓ 3.



✗ 4.



Question ID : 98958015417

Status : Answered

Chosen Option : 3

Section : General Awareness

Q.1 In which of the following locations was the Global Venture Capital Summit 2018 held?

- Ans
- ✗ 1. Mumbai
 - ✗ 2. Pune


 3. Ahmedabad

 4. Goa

Question ID : **98958015038**
Status : **Not Answered**
Chosen Option : --

Q.2 In May 2019, Prem Singh Tamang was sworn in as the Chief Minister of:

Ans  1. Arunachal Pradesh

 2. Odisha

 3. Sikkim

 4. Assam

Question ID : **98958015032**
Status : **Answered**
Chosen Option : **3**

Q.3 AIX is the operating system of which company?

Ans  1. Apple

 2. Unisys

 3. IBM

 4. Microsoft

Question ID : **98958015022**
Status : **Not Answered**
Chosen Option : --

Q.4 Which state has proposed to set up the first 'Blockchain District' in India?

Ans  1. Gujarat

 2. Maharashtra

 3. Telangana

 4. Tamil Nadu

Question ID : **98958015031**
Status : **Answered**
Chosen Option : **3**

Q.5 The Sunauli border is a famous transit point between India and _____.

Ans  1. Myanmar

 2. Nepal

 3. Pakistan

 4. Bhutan

Question ID : **98958015023**
Status : **Answered**
Chosen Option : **1**

Q.6 Which of the following art forms of Kerala is in UNESCO's list of the Intangible Cultural Heritage of Humanity?

- Ans
- ☒ 1. Theyyam
 - ☒ 2. Kutiyattam
 - ☒ 3. Chakyar Koothu
 - ☒ 4. Thiruvathirakali

Question ID : 98958015014
Status : Answered
Chosen Option : 2

Q.7 _____ जीव विज्ञान की वह शाखा है जो जीव की संरचना और उनके अंगों के अध्ययन से संबंधित है।

- Ans
- ☒ 1. परिस्थिति-विज्ञान
 - ☒ 2. शरीर रचना विज्ञान
 - ☒ 3. क्रोनोबायोलॉजी
 - ☒ 4. कवक विज्ञान

Question ID : 98958015019
Status : Answered
Chosen Option : 2

Q.8 The Walayar Dam is in which district of Kerala?

- Ans
- ☒ 1. Kasaragod
 - ☒ 2. Palakkad
 - ☒ 3. Thrissur
 - ☒ 4. Idukki

Question ID : 98958015024
Status : Not Answered
Chosen Option : --

Q.9 Veteran journalist and TV anchor Karan Thapar is the author of which of the following books?

- Ans
- ☒ 1. Happyness
 - ☒ 2. Rebel Sultans
 - ☒ 3. Devil's Advocate: The Untold Story
 - ☒ 4. Why I Am a Hindu

Question ID : 98958015030
Status : Answered
Chosen Option : 4

Q.10 In May 2019, Suresh Kumar was appointed as the Chief Technology Officer of:

- Ans
- ☒ 1. Amazon
 - ☒ 2. Walmart
 - ☒ 3. Google
 - ☒ 4. Apple

Question ID : 98958015029
Status : Not Answered
Chosen Option : --

Q.11 With which of the following sports is Karun Chandhok associated?

- Ans
- ☐ 1. Lawn Tennis
 - ☐ 2. Badminton
 - ☐ 3. Table Tennis
 - ☒ 4. Car Racing

Question ID : 98958015034
Status : Not Answered
Chosen Option : --

Q.12 Ottamthullal' is a traditional dance form that is popular in the state of:

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

Question ID : 98958015015
Status : Answered
Chosen Option : 3

Q.13 Scissor Cup is associated with which sports?

- Ans
- ☐ 1. badminton
 - ☐ 2. cricket
 - ☐ 3. hockey
 - ☒ 4. football

Question ID : 98958015035
Status : Answered
Chosen Option : 3

Q.14 In the context of banking sector of India, what is the full form of IMPS?

- Ans
- ☐ 1. Instant Payment Service
 - ☐ 2. Instant Payment Sector
 - ☐ 3. Immediate Payment Sector
 - ☒ 4. Immediate Payment Service

Question ID : 98958015016
Status : Answered
Chosen Option : 1

Q.15 What is the height of the Statue of Unity that is located in Gujarat?

- Ans
- ☐ 1. 93 m
 - ☐ 2. 120 m
 - ☐ 3. 153 m
 - ☒ 4. 182 m

Question ID : 98958015037

Status : **Answered**
Chosen Option : 4

Q.16 Which is the coldest place in India?

- Ans
- ☒ 1. Amarnath
 - ☒ 2. Dras
 - ☒ 3. Leh
 - ☒ 4. Srinagar

Question ID : 98958015025
Status : **Answered**
Chosen Option : 3

Q.17 Who was appointed as the 24th Chief of Naval Staff in May 2019?

- Ans
- ☒ 1. Sunil Lanba
 - ☒ 2. Surinder Pal Singh
 - ☒ 3. Bimal Verma
 - ☒ 4. Karambir Singh

Question ID : 98958015036
Status : **Answered**
Chosen Option : 4

Q.18 Who among the following coined the term "battery" to describe linked capacitors?

- Ans
- ☒ 1. Benjamin Franklin
 - ☒ 2. Luigi Galvani
 - ☒ 3. John Frederic Daniell
 - ☒ 4. Lewis Urry

Question ID : 98958015020
Status : **Not Answered**
Chosen Option : --

Q.19 Who among the following is the author of "Principles of Political Economy"?

- Ans
- ☒ 1. Milton Friedman
 - ☒ 2. John Stuart Mill
 - ☒ 3. Joseph Schumpeter
 - ☒ 4. David Ricardo

Question ID : 98958015017
Status : **Not Answered**
Chosen Option : --

Q.20 The enzyme, Lipase is produced by which organ of the body?

- Ans
- ☒ 1. Lung
 - ☒ 2. Salivary gland
 - ☒ 3. Liver
 - ☒ 4. Pancreas

Question ID : 98958015018
Status : Answered
Chosen Option : 2

Q.21 The Book 'Gulamgiri' was written by:

- Ans ☒ 1. Jyotirao Phule
☒ 2. Haridas Thakur
☒ 3. Narayana Guru
☒ 4. Ramabai Shinde

Question ID : 98958015027
Status : Not Answered
Chosen Option : --

Q.22 Who was the founder of the first search engine called 'Archie'?

- Ans ☒ 1. David Filo
☒ 2. Alan Emtage
☒ 3. Matthew Gray
☒ 4. Martijn Koster

Question ID : 98958015021
Status : Answered
Chosen Option : 3

Q.23 Who among the following was India's defence minister during the 1971 war between India and Pakistan?

- Ans ☒ 1. Yashwantrao Chavan
☒ 2. Indira Gandhi
☒ 3. Swaran Singh
☒ 4. Jagjivan Ram

Question ID : 98958015028
Status : Answered
Chosen Option : 4

Q.24 Chhattisgarh does NOT share its boundary with:

- Ans ☒ 1. West Bengal
☒ 2. Uttar Pradesh
☒ 3. Madhya Pradesh
☒ 4. Telangana

Question ID : 98958015026
Status : Answered
Chosen Option : 4

Q.25 When was the first match of ICC Cricket World Cup 2019 played?

- Ans ☒ 1. 2 June 2019
☒ 2. 30 May 2019
☒ 3. 1 June 2019

Question ID : 98958015033
Status : Answered
Chosen Option : 1

Section : Quantitative Aptitude

Q.1 The area of a field in the shape of a hexagon is $2400\sqrt{3} \text{ m}^2$. What will be the cost of fencing it at ₹18.50 per metre?

- Ans** ☒ 1. ₹4440
☒ 2. ₹5920
☒ 3. ₹5550
☒ 4. ₹5180

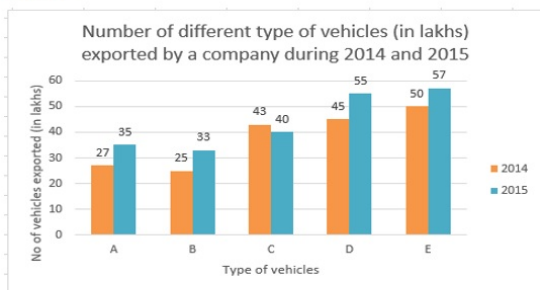
Question ID : 98958015537
Status : Not Answered
Chosen Option : --

Q.2 In a circle with centre O, AD is a diameter and AC is a chord. B is a point on AC, such that $OB = 5 \text{ cm}$ and $\angle OBA = 60^\circ$. If $\angle DOC = 60^\circ$, then what is the length of BC?

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

Question ID : 98958015550
Status : Not Answered
Chosen Option : --

Q.3 The given Bar Graph presents the number of different types of vehicles (in lakhs) exported by a company during 2014 and 2015.



The total number of type B, D and E vehicles exported in 2014 is what percentage of the total number of type A, C, D and E vehicles exported in 2015 (correct to one decimal place)?

- Ans** ☒ 1. 62.4%
☒ 2. 61.6%
☒ 3. 63.8%
☒ 4. 64.2%

Question ID : 98958015559
Status : Not Answered
Chosen Option : --

Q.4

A and B can complete a task in 25 days. B alone can complete $33\frac{1}{3}\%$ of the same task in 15 days. In how many days can A alone complete $\frac{4}{15}$ th of the same task?

- Ans ☒ 1. 15
☐ 2. 10
☐ 3. 18
☐ 4. 12

Question ID : 98958015535
Status : Answered
Chosen Option : 1

Q.5 Tangents AB and AC are drawn to a circle from a point A, such that $\angle BAC = 40^\circ$. A chord CP is drawn parallel to BA. The measure of $\angle CBP$ is:

- Ans ☐ 1. 55°
☐ 2. 45°
☐ 3. 35°
☒ 4. 40°

Question ID : 98958015549
Status : Answered
Chosen Option : 3

Q.6 The marked price of an article is ₹600. After allowing a discount of 25% on the marked price, there was a loss of ₹30. The loss percentage is:

- Ans ☐ 1. 7.50%
☐ 2. 7.25%
☒ 3. 6.25%
☐ 4. 6.50%

Question ID : 98958015539
Status : Answered
Chosen Option : 3

Q.7 What is the difference between the compound interest, when interest is compounded 5-monthly, and the simple interest on a sum of ₹12,000 for $1\frac{1}{4}$ years at 12% per annum?

- Ans ☐ 1. ₹90
☒ 2. ₹91.50
☐ 3. ₹93
☐ 4. ₹92.50

Question ID : 98958015543
Status : Not Answered
Chosen Option : --

Q.8 A man travels a certain distance at 12 km/h and returns to the starting point at 9 km/h. The total time taken by him for the entire journey is $2\frac{1}{3}$ hours. The total distance (in km) covered by him is:

- Ans ☐ 1. 25
☐ 2. 12

✓ 3. 24

✗ 4. 28

Question ID : 98958015536

Status : Answered

Chosen Option : 2

Q.9 $\frac{\cot \theta}{(1 - \sin \theta)(\sec \theta + \tan \theta)}$ is equal to:

Ans ✓ 1. cosec θ

✗ 2. sin θ

✗ 3. sec θ

✗ 4. 1

Question ID : 98958015554

Status : Answered

Chosen Option : 1

Q.10 There are three numbers. If the average of any two of them is added to the third number, the sums obtained are 177, 163 and 138. What is the average of the largest and the smallest of the given numbers?

Ans ✓ 1. 76

✗ 2. 79

✗ 3. 81

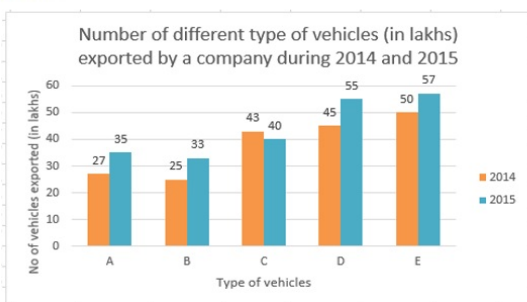
✗ 4. 67

Question ID : 98958015538

Status : Not Answered

Chosen Option : --

Q.11 The given Bar Graph presents the number of different types of vehicles (in lakhs) exported by a company during 2014 and 2015.



What is the ratio of the total number of type A and C vehicles exported in 2014 to the total number of type B and E vehicles exported in 2015?

Ans ✗ 1. 8 : 11

✓ 2. 7 : 9

✗ 3. 2 : 3

✗ 4. 5 : 7

Question ID : 98958015556

Status : Answered

Chosen Option : 2

Q.12 If $x + y = 7$ and $xy = 10$, then the value of $(\frac{1}{x^3} + \frac{1}{y^3})$ is:

- Ans
- ☒ 1. 0.543
 - ☒ 2. 0.131
 - ☒ 3. 0.133
 - ☒ 4. 0.453

Question ID : 98958015546

Status : Answered

Chosen Option : 4

Q.13 A man spends 72% of his income. If his income increases by 28% and his expenditure increases by 25%, then what is the percentage increase or decrease in his savings (correct to one decimal place)?

- Ans
- ☒ 1. 26.9% decrease
 - ☒ 2. 38.4% increase
 - ☒ 3. 35.7% increase
 - ☒ 4. 26.3% decrease

Question ID : 98958015540

Status : Answered

Chosen Option : 2

Q.14 The value of $\frac{3}{4} \div \frac{3}{4}$ of $\frac{3}{4} \times \frac{4}{3} + \frac{5}{2} \div \frac{2}{5}$ of $\frac{5}{4} - (\frac{2}{3} + \frac{2}{3} \text{ of } \frac{5}{6})$ is:

- Ans
- ☒ 1. $\frac{14}{3}$
 - ☒ 2. $\frac{41}{9}$
 - ☒ 3. $\frac{22}{3}$
 - ☒ 4. $\frac{50}{9}$

Question ID : 98958015545

Status : Not Answered

Chosen Option : --

Q.15 If the nine-digit number $43x1145y2$ is divisible by 88, then the value of $(3x - 2y)$, for the smallest value of y , is:

- Ans
- ☒ 1. 22
 - ☒ 2. 18
 - ☒ 3. 20
 - ☒ 4. 9

Question ID : 98958015544

Status : Answered

Chosen Option : 4

Q.16

A sum of ₹4,360 was to be divided among A, B, C and D in the ratio of 3 : 4 : 5 : 8, but it was divided in the ratio of

$\frac{1}{3} : \frac{1}{4} : \frac{1}{5} : \frac{1}{8}$ by mistake. As a result:

- Ans
- ☒ 1. A received ₹956 more
 - ☒ 2. B received ₹318 more
 - ☒ 3. D received ₹1,144 less
 - ☒ 4. C received ₹132 less

Question ID : 98958015542

Status : Not Answered

Chosen Option : --

Q.17 By selling 72 articles, a loss equal to the selling price of 8 articles was incurred. What is the loss percentage?

- Ans
- ☒ 1. 12%
 - ☒ 2. 10%
 - ☒ 3. $9\frac{1}{9}\%$
 - ☒ 4. $11\frac{1}{9}\%$

Question ID : 98958015541

Status : Answered

Chosen Option : 4

Q.18 If $2\cos^2\theta - 5\cos\theta + 2 = 0$, $0^\circ < \theta < 90^\circ$, then the value of $(\operatorname{cosec}\theta + \cot\theta)$ is:

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

Question ID : 98958015555

Status : Not Answered

Chosen Option : --

Q.19 If $8x^2 + y^2 - 12x - 4xy + 9 = 0$, then the value of $(14x - 5y)$ is:

- Ans
- ☒ 1. 9
 - ☒ 2. 6
 - ☒ 3. 5
 - ☒ 4. 3

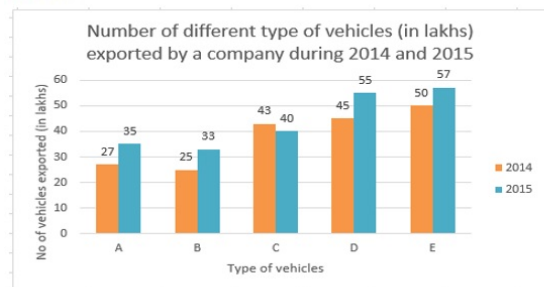
Question ID : 98958015547

Status : Not Answered

Chosen Option : --

Q.20

The given Bar Graph presents the number of different types of vehicles (in lakhs) exported by a company during 2014 and 2015.



Which type of vehicle showed 32% increase in export in 2015 as compared to that in the previous year?

- Ans ☒ 1. B
☒ 2. A
☒ 3. E
☒ 4. D

Question ID : 98958015557

Status : Not Answered

Chosen Option : --

Q.21 The sides AB and AC of ΔABC are produced to points D and E, respectively. The bisectors of $\angle CBD$ and $\angle BCE$ meet at P. If $\angle A = 72^\circ$, then the measure of $\angle P$ is:

- Ans ☒ 1. 36°
☒ 2. 45°
☒ 3. 60°
☒ 4. 54°

Question ID : 98958015551

Status : Answered

Chosen Option : 4

Q.22 If $x + y + z = 19$, $xyz = 216$ and $xy + yz + zx = 114$, then the value of $\sqrt{x^3 + y^3 + z^3 + xyz}$ is:

- Ans ☒ 1. 32
☒ 2. 30
☒ 3. 28
☒ 4. 35

Question ID : 98958015548

Status : Not Answered

Chosen Option : --

Q.23 The value of $\frac{\tan 13^\circ \tan 37^\circ \tan 45^\circ \tan 53^\circ \tan 77^\circ}{2 \operatorname{cosec}^2 60^\circ (\cos^2 60^\circ - 3 \cos 60^\circ + 2)}$ is:

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

✓ 4. $\frac{1}{2}$

Question ID : 98958015553

Status : Not Answered

Chosen Option : --

Q.24 In $\triangle ABC$, D is a point on side AB such that $BD = 2$ cm and $DA = 3$ cm. E is a point on BC such that $DE \parallel AC$, and $AC = 4$ cm. Then (Area of $\triangle BDE$) : (Area of trapezium ACED) is:

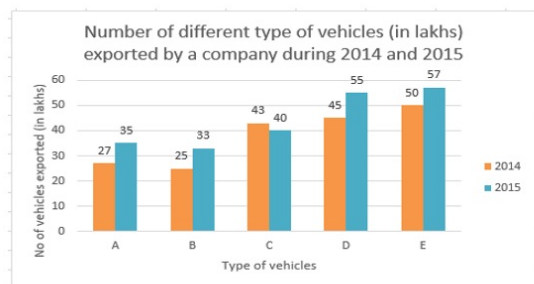
- Ans ✓ 1. 4 : 21
 ✗ 2. 2 : 5
 ✗ 3. 1 : 5
 ✗ 4. 4 : 25

Question ID : 98958015552

Status : Not Answered

Chosen Option : --

Q.25 The given Bar Graph presents the number of different types of vehicles (in lakhs) exported by a company during 2014 and 2015.



The average number of type A, B and D vehicles exported in 2015 was $x\%$ less than the number of type E vehicles exported in 2014. What is the value of x ?

- Ans ✓ 1. 18
 ✗ 2. 24
 ✗ 3. 20
 ✗ 4. 25

Question ID : 98958015558

Status : Not Answered

Chosen Option : --

Section : English Language

Q.1 Select the word which means the same as the group of words given.

A person belonging to a foreign country

- Ans ✗ 1. native
 ✗ 2. resident
 ✓ 3. alien
 ✗ 4. inhabitant

Question ID : 98958015008

Status : Answered

Chosen Option : 1

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

EXPOSE

- Ans
-  1. hide
 -  2. bury
 -  3. reveal
 -  4. protect

Question ID : 98958015002
Status : Answered
Chosen Option : 3

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

MINISCULE

- Ans
-  1. dwarf
 -  2. small
 -  3. gigantic
 -  4. meagre

Question ID : 98958015004
Status : Answered
Chosen Option : 3





Q.4 Select the wrongly spelt word.

- Ans
-  1. celebrity
 -  2. celebrate
 -  3. celebration
 -  4. celebrant

Question ID : 98958015011
Status : Answered
Chosen Option : 3

Q.5 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

Nowadays rent for a two-room house can run as high to Rs. 40,000/ in Mumbai.

- Ans
-  1. so high so
 -  2. so high to
 -  3. No improvement
 -  4. as high as

Question ID : 98958014993
Status : Marked For Review
Chosen Option : 4

Q.6 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

Lot of peoples visit this restaurant as its biryani is famous.





Ans

-  1. No improvement
-  2. A lot peoples
-  3. A lot of people
-  4. Much of people

Question ID : 98958014992
Status : Answered
Chosen Option : 3

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





ADVERSARY

- Ans
-  1. helper
 -  2. assistant
 -  3. rival
 -  4. supporter

Question ID : 98958015003
Status : Answered
Chosen Option : 2

Q.8 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.





- A. Later, they set up their own art school and gallery in the prison.
- B. The prisoners wanted to display their art work inside the prison.
- C. They took the help of volunteers from the School of Art.
- D. Prisoners who were interested in visual arts and painting could study there.

- Ans
-  1. BCAD
 -  2. DCAB
 -  3. BDAC
 -  4. CBAD

Question ID : 98958015001
Status : Answered
Chosen Option : 2

Q.9 In the sentence identify the segment which contains the grammatical error.

Three more elevated roads have been propose in the new plan to unclog the traffic in Delhi.




- Ans
-  1. in the new plan
 -  2. Three more elevated roads
 -  3. to unclog the traffic in Delhi
 -  4. have been propose

Question ID : 98958014988
Status : Answered
Chosen Option : 4

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

to dance to someone's tune





- Ans
-  1. argue with others on petty matters

-  2. delay in making a decision
-  3. do what others want you to do
-  4. be engaged in an energetic activity

Question ID : 98958015007
Status : Answered
Chosen Option : 3



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

leave no stone unturned

- Ans
-  1. leave the path halfway
 -  2. not make enough efforts
 -  3. turn everything upside down
 -  4. try everything possible

Question ID : 98958015006
Status : Answered
Chosen Option : 4





Q.12 Select the wrongly spelt word.

- Ans
-  1. earn
 -  2. eerie
 -  3. early
 -  4. eagel

Question ID : 98958015010
Status : Answered
Chosen Option : 4

Q.13 In the sentence identify the segment which contains the grammatical error.





Tilak rowed through the river and tied his boat on the other side.

- Ans
-  1. and tied his boat
 -  2. on the other side
 -  3. Tilak rowed
 -  4. through the river

Question ID : 98958014989
Status : Answered
Chosen Option : 4

Q.14 Select the correct passive form of the given sentence.

The prisoners have made these paintings.

- Ans
-  1. These prisoners have been made by the paintings.
 -  2. These paintings were made by the prisoners.
 -  3. These paintings are made by the prisoners.
 -  4. These paintings have been made by the prisoners.

Question ID : 98958014990





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.

During organised tours in Germany, tourists can (1) _____ a former Nazi compound 40 kilometres from Berlin (2) _____ the 'Forbidden City'. Around twenty thousand people visit this place (3) _____ year to learn about Nazi military history. The Nazis (4) _____ militarily active at the compound, which was kept (5) _____ in a forest and behind a fence. They hid underground bunkers in country homes, and they planned much of World War II here.

SubQuestion No : 15

Q.15 Select the most appropriate option for blank No. 1.

- Ans  1. visit
 2. travel
 3. trip
 4. stay

Question ID : **98958014995**
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.

During organised tours in Germany, tourists can (1) _____ a former Nazi compound 40 kilometres from Berlin (2) _____ the 'Forbidden City'. Around twenty thousand people visit this place (3) _____ year to learn about Nazi military history. The Nazis (4) _____ militarily active at the compound, which was kept (5) _____ in a forest and behind a fence. They hid underground bunkers in country homes, and they planned much of World War II here.

SubQuestion No : 16

Q.16 Select the most appropriate option for blank No. 2.

- Ans  1. calling
 2. calls
 3. call
 4. called

Question ID : **98958014996**
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.

During organised tours in Germany, tourists can (1) _____ a former Nazi compound 40 kilometres from Berlin (2) _____ the 'Forbidden City'. Around twenty thousand people visit this place (3) _____ year to learn about Nazi military history. The Nazis (4) _____ militarily active at the compound, which was kept (5) _____ in a forest and behind a fence. They hid underground bunkers in country homes, and they planned much of World War II here.

SubQuestion No : 17

Q.17 Select the most appropriate option for blank No. 3.

- Ans  1. whole
 2. one

✓ 3. every

✗ 4. all

Question ID : 98958014997

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.

During organised tours in Germany, tourists can (1) _____ a former Nazi compound 40 kilometres from Berlin (2) _____ the 'Forbidden City'. Around twenty thousand people visit this place (3) _____ year to learn about Nazi military history. The Nazis (4) _____ militarily active at the compound, which was kept (5) _____ in a forest and behind a fence. They hid underground bunkers in country homes, and they planned much of World War II here.

SubQuestion No : 18

Q.18 Select the most appropriate option for blank No. 4.

Ans ✗ 1. was

✗ 2. has been

✗ 3. have been

✓ 4. were

Question ID : 98958014998

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.

During organised tours in Germany, tourists can (1) _____ a former Nazi compound 40 kilometres from Berlin (2) _____ the 'Forbidden City'. Around twenty thousand people visit this place (3) _____ year to learn about Nazi military history. The Nazis (4) _____ militarily active at the compound, which was kept (5) _____ in a forest and behind a fence. They hid underground bunkers in country homes, and they planned much of World War II here.

SubQuestion No : 19

Q.19 Select the most appropriate option for blank No. 5.

Ans ✗ 1. mysterious

✗ 2. holy

✗ 3. sacred

✓ 4. concealed

Question ID : 98958014999

Status : Answered

Chosen Option : 4

Q.20 Select the correct indirect form of the given sentence.

Mr. Puri said to me, "Why are you taking down this fence?"

Ans ✗ 1. Mr. Puri asked me why was I taking down this fence.

✗ 2. Mr. Puri said to me why you were taking down that fence.

✓ 3. Mr. Puri asked me why I was taking down that fence.

✗ 4. Mr. Puri said to me that why are you taking down this fence.

Question ID : 98958014991
Status : Answered
Chosen Option : 3

Q.21 Select the most appropriate word to fill in the blank.

I had a stroke at an early age, but what I thought was a great _____ at that time changed my life for the better.

- Ans
- ☒ 1. injustice
 - ☐ 2. indent
 - ☐ 3. indication
 - ☐ 4. incentive

Question ID : 98958015012
Status : Answered
Chosen Option : 2

Q.22 Select the word which means the same as the group of words given.

Something that cannot be avoided

- Ans
- ☐ 1. indelible
 - ☐ 2. infallible
 - ☒ 3. inevitable
 - ☐ 4. invincible

Question ID : 98958015009
Status : Answered
Chosen Option : 3

Q.23 Select the most appropriate word to fill in the blank.

We have little choice early in life, but as we grow older choices _____.

- Ans
- ☐ 1. aggravate
 - ☐ 2. adrift
 - ☒ 3. abound
 - ☐ 4. afloat

Question ID : 98958015013
Status : Answered
Chosen Option : 4

Q.24 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. As he looked at them, their heads began to hang low.
- B. Akbar glanced at his courtiers in search of an answer.
- C. Once Akbar asked his courtiers a very strange question.
- D. The courtiers were dumb-founded by his question.

- Ans
- ☒ 1. CDBA
 - ☐ 2. CADB
 - ☐ 3. ACBD
 - ☐ 4. DCAB

Question ID : 98958015000

Status : Answered


Chosen Option : 1

Q.25 Select the most appropriate antonym of the given word.

PERPETRATE

Ans  1. execute

 2. prevent

 3. perform

 4. commit

Question ID : 98958015005

Status : Answered

Chosen Option : 2