

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

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Test Venue	
Test Time	4:00 PM - 5:00 PM
Test Date	04/07/2019

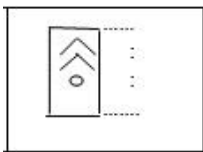
## Section : General Intelligence

**Q.1** A figure of transparent sheet with a pattern is given below. Select the option that shows how the pattern would appear when the transparent sheet is folded at the dotted line.

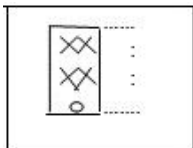


Ans

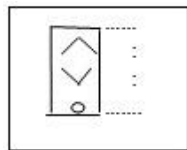
✓ 1.



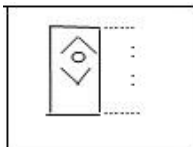
✗ 2.



✗ 3.



✗ 4.

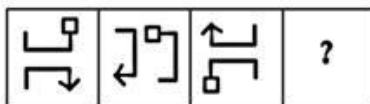


Question ID : 98958016701

Status : Answered

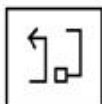
Chosen Option : 1

**Q.2** Select the figure that will come next in the following figure series.

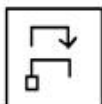


Ans

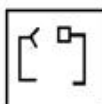
✗ 1.

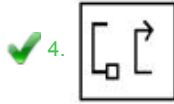


✗ 2.



✗ 3.





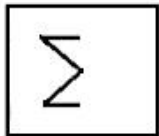
Question ID : **98958016698**  
 Status : **Answered**  
 Chosen Option : **4**

**Q.3** Vikarm is twice as old as his brother Ajay. 5 years ago, Vikram was 3 times as old as Ajay. How old is Vikram now?

- Ans 1. 20  
 2. 22  
 3. 18  
 4. 17

Question ID : **98958016690**  
 Status : **Answered**  
 Chosen Option : **1**

**Q.4** Select the option in which the given figure is embedded.



- Ans 1.   
 2.   
 3.   
 4.

Question ID : **98958016700**  
 Status : **Answered**  
 Chosen Option : **3**

**Q.5** 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.

DFHJ : MOQS :: CGGK : \_\_\_\_\_

- Ans 1. NQQT  
 2. LQQT  
 3. LPPT  
 4. NPPT

Question ID : 98958016682

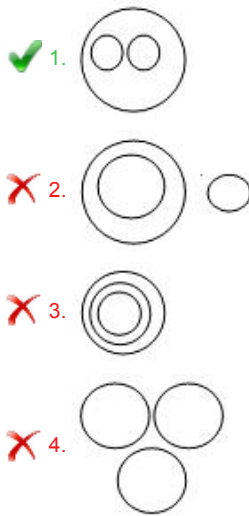
Status : Answered

Chosen Option : 4

**Q.6** Select the Venn diagram that best illustrates the relationship between the following classes.

Moon, Venus, Universe

Ans



Question ID : 98958016703

Status : Answered

Chosen Option : 1

**Q.7** If R = 36 and BIN = 50, then how will you code 'TALE'?

Ans

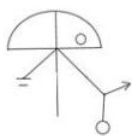
- ✗ 1. 19
- ✗ 2. 110
- ✓ 3. 76
- ✗ 4. 54

Question ID : 98958015529

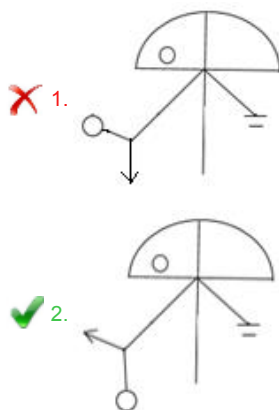
Status : Answered

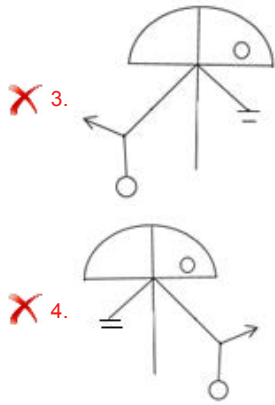
Chosen Option : 3

**Q.8** Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.



Ans





Question ID : 98958016702

Status : Answered

Chosen Option : 2

Q.9 उस शब्द-युग्म को चुनें जिसमें दो शब्द उसी तरह संबंधित हैं जैसे निम्नलिखित शब्द-युग्म में दो शब्द संबंधित हैं।

भूकंप विज्ञान : भूकंप :: \_\_\_\_\_ : \_\_\_\_\_

- Ans
- ☒ 1. कीटविज्ञान : पौधे
  - ☒ 2. पक्षीविज्ञान : पक्षी
  - ☒ 3. फ़ाइकोलॉजी : कवक
  - ☒ 4. वृक्क विज्ञान : नसें

Question ID : 98958016686

Status : Answered

Chosen Option : 2

Q.10 'Man' is related to 'Mammal' in the same way as 'Rat' is related to '\_\_\_\_\_'.  
'

- Ans
- ☒ 1. Mice
  - ☒ 2. Rodent
  - ☒ 3. Burrow
  - ☒ 4. Reptile

Question ID : 98958016683

Status : Answered

Chosen Option : 2

Q.11 निम्नलिखित चार शब्दों में से तीन शब्द एक निश्चित तरीके से एक जैसे हैं और एक अलग है। उस अलग शब्द को चुनें।

- Ans
- ☒ 1. नोक
  - ☒ 2. पिच
  - ☒ 3. स्केटिंग रिंग
  - ☒ 4. अखाड़ा

Question ID : 98958016688

Status : Answered

Chosen Option : 1

Q.12 Three of the following four letter-clusters are alike in a certain way and one is different.  
Pick the odd one out.

- Ans
- ☒ 1. OQTX
  - ☒ 2. EGJN

✓ 3. IKNQ

✗ 4. ACFJ

Question ID : 98958016687

Status : Answered

Chosen Option : 3

**Q.13** Three different positions of the same dice are shown. Which alphabet will appear on the opposite surface on which alphabet P appears?



Ans ✓ 1. Z

✗ 2. S

✗ 3. T

✗ 4. X

Question ID : 98958016697

Status : Answered

Chosen Option : 1

**Q.14** Rohit's age is 10 years less than half of his mother's age who is 5 years younger than Rohit's father. If Rohit's father is 47 years old, what is Rohit's age?

Ans ✗ 1. 10 years

✓ 2. 11 years

✗ 3. 14 years

✗ 4. 21 years

Question ID : 98958015532

Status : Answered

Chosen Option : 2

**Q.15** 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. 313

✓ 2. 323

✗ 3. 353

✗ 4. 373

Question ID : 98958016696

Status : Answered

Chosen Option : 2

**Q.16** Mayank's father has a brother, Prakash, whose daughter, Ritu is Kavita's mother. Sonu is Ritu's only brother. How is Sonu related to Mayank?

Ans ✗ 1. Brother

✓ 2. Cousin

✗ 3. Nephew

✗ 4. Son

Question ID : 98958015531

Status : Answered

Chosen Option : 3

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

(6, 36, 1296)

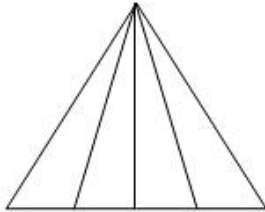
- Ans ☒ 1. (7, 49, 2409)  
☒ 2. (4, 16, 64)  
☒ 3. (3, 9, 81)  
☒ 4. (10, 100, 5000)

Question ID : 98958016693

Status : Answered

Chosen Option : 3

Q.18 How many triangles are there in the following figure?



- Ans ☒ 1. 9  
☒ 2. 10  
☒ 3. 8  
☒ 4. 6

Question ID : 98958016699

Status : Answered

Chosen Option : 2

Q.19 Select the number that will come next in the following series.

2, 6, 14, 30, 62, ?

- Ans ☒ 1. 122  
☒ 2. 98  
☒ 3. 134  
☒ 4. 126

Question ID : 98958015534

Status : Answered

Chosen Option : 4

Q.20 Which number will replace the question mark (?) in the following series?

4, 16, 36, 64, 100, 144, 196, ?

- Ans ☒ 1. 256  
☒ 2. 284  
☒ 3. 225  
☒ 4. 246

Question ID : 98958016695

Status : Answered

Chosen Option : 1

Q.21 M is the brother of N. N is the brother of P. Q is the father of M. Based on these statements, which of the following statements cannot be definitely true?

- Ans ☒ 1. P is the brother of M

- ☐ 2. M is the brother of P
- ☐ 3. N is the son of Q
- ☐ 4. N is the brother of M

Question ID : 98958016685  
Status : Answered  
Chosen Option : 2

Q.22 Select the letter cluster that will come next in the following series.

LVD, OTF, RRH, ?, XNL

- Ans ☐ 1. UQI
- ☐ 2. TPJ
- ☐ 3. TQJ
- ☒ 4. UPJ

Question ID : 98958015530  
Status : Answered  
Chosen Option : 4

Q.23 Two 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:  
No ball is pen. All pens are boxes.

Conclusions:  
I. Some boxes are pens.  
II. Some boxes are balls. III. No box is ball.

- Ans ☐ 1. Either conclusion II or III follows
- ☒ 2. Conclusion I and either II or III follows
- ☐ 3. All conclusions follow
- ☐ 4. Only conclusion I follows

Question ID : 98958016689  
Status : Answered  
Chosen Option : 4

Q.24 Which two signs should be interchanged in the following equation to make it correct?

$$5 \times 15 \div 7 - 20 + 4 = 77$$

- Ans ☒ 1. ( ÷ and + )
- ☐ 2. ( + and - )
- ☐ 3. ( + and × )
- ☐ 4. ( - and × )

Question ID : 98958016691  
Status : Answered  
Chosen Option : 1

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

( 3, 5, 34 )

- Ans ☐ 1. ( 9, 10, 190 )
- ☒ 2. ( 4, 7, 65 )
- ☐ 3. ( 6, 7, 89 )

☒ 4. (1, 2, 12)

Question ID : 98958016694  
Status : Answered  
Chosen Option : 2

Section : General Awareness

**Q.1** Select the option that does NOT have the correct pair of state and its chief minister?

- Ans ☒ 1. Arunachal Pradesh – Gegong Apang  
☒ 2. Odisha – Naveen Patnaik  
☒ 3. Sikkim – P S Golay  
☒ 4. Andhra Pradesh – Jaganmohan Reddy

Question ID : 98958015255  
Status : Marked For Review  
Chosen Option : 1

**Q.2** Which one of the following is a degenerative disorder of the brain and one of several conditions that cause dementia, a progressive decline of mental functions resulting in memory loss and confusion?

- Ans ☒ 1. Schizophrenia  
☒ 2. Alzheimer's disease  
☒ 3. Amnesia  
☒ 4. Concussion

Question ID : 98958015244  
Status : Answered  
Chosen Option : 2

**Q.3** In May 2019, \_\_\_\_\_ became the first judge from the Indian apex court to be appointed to the Supreme Court of Fiji's non-resident panel for a period of three years.

- Ans ☒ 1. Justice Madan Lokur  
☒ 2. Justice A K Sikri  
☒ 3. Justice H L Dattu  
☒ 4. Justice A K Goel

Question ID : 98958015254  
Status : Answered  
Chosen Option : 1

**Q.4** Which of the following states won the maximum number of medals in the inaugural 2018 edition of the 'Khelo India School Games'?

- Ans ☒ 1. Jharkhand  
☒ 2. Delhi  
☒ 3. Haryana  
☒ 4. Maharashtra

Question ID : 98958015258  
Status : Answered  
Chosen Option : 3

**Q.5** India is a federal republic with 29 states and \_\_\_\_\_ union territories.

- Ans ☒ 1. six  
☒ 2. four



- ☒ 3. five
- ☒ 4. seven

Question ID : 98958015256  
Status : Answered  
Chosen Option : 4

**Q.6** According to the Constitution of India, how many members from the Anglo-Indian community can be nominated to the Lok Sabha by the President?

- Ans ☒ 1. Five
- ☒ 2. Two
- ☒ 3. Three
- ☒ 4. Four

Question ID : 98958015257  
Status : Answered  
Chosen Option : 2

**Q.7** According to Indian Bureau of Mines Report 2018, which among the following is the largest mica producing state in India?

- Ans ☒ 1. Bihar
- ☒ 2. Odisha
- ☒ 3. Punjab
- ☒ 4. Andhra Pradesh

Question ID : 98958015248  
Status : Marked For Review  
Chosen Option : 2

**Q.8** As a part of SIMBEX-2019, held from 16 to 22 May 2019, Indian naval ships INS Kolkata and INS Shakti participated in the annual bilateral naval exercise between India and \_\_\_\_\_.

- Ans ☒ 1. Japan
- ☒ 2. US
- ☒ 3. Russia
- ☒ 4. Singapore

Question ID : 98958015263  
Status : Answered  
Chosen Option : 4

**Q.9** Which of the following mountain ranges is home to the second highest peak of the world, K2?

- Ans ☒ 1. Pir Panjal Range
- ☒ 2. East Karakoram Range
- ☒ 3. Ladakh Range
- ☒ 4. Zaskar Range

Question ID : 98958015251  
Status : Answered  
Chosen Option : 2

**Q.10** At NASA's annual Human Exploration Rover Challenge, a team from \_\_\_\_\_ in India won the 'AIAA Neil Armstrong Best Design Award' in April 2019.

- Ans ☒ 1. Indian Institute of Technology, Delhi
- ☒ 2. Lovely Professional University, Phagwara

 3. Mukesh Patel School of Technology Management and Engineering, Mumbai

 4. KIET Group of Institutions, Ghaziabad

Question ID : **98958015245**  
Status : **Not Answered**  
Chosen Option : --

**Q.11 Marmagao Port is located in \_\_\_\_\_.**

Ans  1. Odisha

 2. West Bangal

 3. Gujarat

 4. Goa

Question ID : **98958015249**  
Status : **Answered**  
Chosen Option : 1

**Q.12 In which state are the Dilwara Jain Temples situated?**

Ans  1. Rajasthan

 2. Bihar

 3. Maharashtra

 4. Madhya Pradesh

Question ID : **98958015239**  
Status : **Answered**  
Chosen Option : 1

**Q.13 Who among the following was elected the President of South Africa in May 2019?**

Ans  1. Thabo Mbeki

 2. Jacob Zuma

 3. Cyril Ramaphosa

 4. F W de Klerk

Question ID : **98958015262**  
Status : **Answered**  
Chosen Option : 3

**Q.14 As of May 2019, Vidarbha has won \_\_\_\_\_ Ranji Trophy tournaments.**

Ans  1. 3

 2. 8

 3. 5

 4. 2

Question ID : **98958015260**  
Status : **Answered**  
Chosen Option : 2

**Q.15 Who is the author of the famous book 'Kamayani'?**

Ans  1. Sumitranandan Pant

 2. Mahadevi Verma

 3. Jaishankar Prasad

 4. Maithili Sharan Gupt

Question ID : **98958015240**

Status : **Answered**  
Chosen Option : 1

**Q.16 Name the Nobel Prize winning American economist whose report to the US Congress titled "National Income, 1929-35" paved the way for the calculation of Gross Domestic Product (GDP) as the ultimate measure of a country's overall welfare.**

- Ans
- ☒ 1. Paul Samuelson
  - ☒ 2. John Maynard Keynes
  - ☒ 3. Simon Kuznets
  - ☒ 4. Kenneth Arrow

Question ID : **98958015241**  
Status : **Answered**  
Chosen Option : 2

**Q.17 Which one of the following allows the user to store, organise, calculate and manipulate the available data in a tabular format?**

- Ans
- ☒ 1. Microsoft Powerpoint
  - ☒ 2. Notepad
  - ☒ 3. Microsoft Excel
  - ☒ 4. Microsoft Word

Question ID : **98958015247**  
Status : **Answered**  
Chosen Option : 3

**Q.18 Who is the current Chief of the Army Staff of India as of May 2019?**

- Ans
- ☒ 1. General Devraj Anbu
  - ☒ 2. General Dalbir Singh Suhag
  - ☒ 3. General Bikram Singh
  - ☒ 4. General Bipin Rawat

Question ID : **98958015261**  
Status : **Answered**  
Chosen Option : 4

**Q.19 Which one of the following is defined as "a set of instructions, data or programs used to operate computers and execute specific tasks"?**

- Ans
- ☒ 1. Processor
  - ☒ 2. Hardware
  - ☒ 3. Malware
  - ☒ 4. Software

Question ID : **98958015246**  
Status : **Answered**  
Chosen Option : 4

**Q.20 Which one of the following is a Japanese word that means 'harbour wave',?**

- Ans
- ☒ 1. Gneiss
  - ☒ 2. Jishin
  - ☒ 3. Volcano
  - ☒ 4. Tsunami

Question ID : **98958015243**  
Status : **Answered**

Chosen Option : 4

**Q.21 Who among the following authored the book 'Poverty and Un-British Rule in India'?**

- Ans
- ☒ 1. Rajagopalachari
  - ☒ 2. Dadabhai Naoroji
  - ☒ 3. Bal Gangadhar Tilak
  - ☒ 4. Raja Ram Mohan Roy

Question ID : 98958015252

Status : Answered

Chosen Option : 2

**Q.22 The responsibility of regulating and supervising primary (urban) cooperative banks, which are popularly known as Urban Cooperative Banks (UCBs) is vested with which one of the following?**

- Ans
- ☒ 1. The Department of Non-Banking Supervision of the Reserve Bank of India
  - ☒ 2. The Urban Banks Department of the Reserve Bank of India
  - ☒ 3. State Co-operative Banks
  - ☒ 4. The Department of Corporate Services of the Reserve Bank of India

Question ID : 98958015242

Status : Marked For Review

Chosen Option : 3

**Q.23 Which of the following at 23°30' N divides India into almost two halves?**

- Ans
- ☒ 1. Equator
  - ☒ 2. Tropic of Capricorn
  - ☒ 3. Prime Meridian
  - ☒ 4. Tropic of Cancer

Question ID : 98958015250

Status : Answered

Chosen Option : 4

**Q.24 Srirangapatnam Fort is located in \_\_\_\_\_.**

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

Question ID : 98958015253

Status : Answered

Chosen Option : 2

**Q.25 After winning 'Australian Open 2018', the total number of Grand Slam Men's singles titles won by Roger Federer is:**

- Ans
- ☒ 1. 18
  - ☒ 2. 20
  - ☒ 3. 21
  - ☒ 4. 24

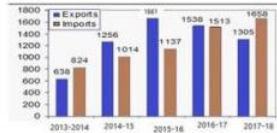
Question ID : 98958015259

Status : Marked For Review

Chosen Option : 1

## Section : Quantitative Aptitude

**Q.1** The given Bar Graph presents the Imports and Exports of an item (in tonnes) manufactured by a company for the five financial years, 2013-2014 to 2017-2018.



What is the average of Import (in tonnes) during the five financial years?

- Ans
- ☒ 1. 1229.5
  - ☒ 2. 1552.4
  - ☒ 3. 1229.2
  - ☒ 4. 1335.9

Question ID : 98958017129

Status : Answered

Chosen Option : 3

**Q.2** A certain amount invested at a certain rate, compounded annually, grows to an amount in five years, which is a factor of 1.1881 more than to what it would have grown in three years. What is the rate percentage?

- Ans
- ☒ 1. 9
  - ☒ 2. 8.1
  - ☒ 3. 8
  - ☒ 4. 9.2

Question ID : 98958017114

Status : Not Answered

Chosen Option : --

**Q.3** If  $\cos \theta = \frac{2p}{p^2+1}$ , ( $p \neq 0$ ) then  $\tan \theta$  is equal to:

- Ans
- ☒ 1.  $\frac{p^2+1}{p^2-1}$
  - ☒ 2.  $\frac{p^2-1}{2p}$
  - ☒ 3.  $\frac{2p}{p^2+1}$
  - ☒ 4.  $\frac{2p}{p^2-1}$

Question ID : 98958017124

Status : Answered

Chosen Option : 2

**Q.4** If  $(3x-7)^3 + (3x-8)^3 + (3x+6)^3 = 3(3x-7)(3x-8)(3x+6)$ , then what is the value of x?

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

Question ID : 98958017119

Status : Answered

Chosen Option : 2

**Q.5** What is the area of a rhombus (in  $\text{cm}^2$ ) whose side is 13 cm and the smaller diagonal is 10 cm?

- Ans**
- ☒ 1. 192
  - ☒ 2. 96
  - ☒ 3. 120
  - ☒ 4. 50

Question ID : 98958017108

Status : Answered

Chosen Option : 3

**Q.6** Two circles of radii 7 cm and 9 cm intersect at the points A and B. If AB = 6 cm, and the distance between the centres of the circles is x cm, then the value of x (to the closest integer) is:

- Ans**
- ☒ 1. 10
  - ☒ 2. 15
  - ☒ 3. 14
  - ☒ 4. 12

Question ID : 98958017121

Status : Answered

Chosen Option : 2

**Q.7** Three numbers are in the ratio  $1/2 : 2/3 : 3/4$ . The difference between the greatest and the smallest number is 27. The smallest number is:

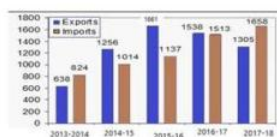
- Ans**
- ☒ 1. 81
  - ☒ 2. 40
  - ☒ 3. 72
  - ☒ 4. 54

Question ID : 98958017113

Status : Answered

Chosen Option : 4

**Q.8** The given Bar Graph presents the Imports and Exports of an item (in tonnes) manufactured by a company for the five financial years, 2013-2014 to 2017-2018.



What is the ratio of total Exports to total Imports during the five financial years?

- Ans**
- ☒ 1. 3199 : 3073
  - ☒ 2. 4175 : 4011
  - ☒ 3. 3073 : 3199
  - ☒ 4. 4011 : 4175

Question ID : 98958017128

Status : Answered

Chosen Option : 1

**Q.9** Let  $\Delta ABC \sim \Delta PQR$  and  $\frac{\text{ar}(\Delta ABC)}{\text{ar}(\Delta PQR)} = \frac{1}{16}$ . If AB = 12 cm, BC = 6 cm and AC = 9 cm then PR is equal to:

- Ans**
- ☒ 1. 9 cm
  - ☒ 2. 12 cm
  - ☒ 3. 8 cm
  - ☒ 4. 24 cm

Question ID : 98958015732

Status : Answered

Chosen Option : 4

**Q.10** A, B and C can complete a piece of work in 4, 28 and 56 days respectively. Working together, they can complete the same work in how many days?

Ans

☐ 1.  $5\frac{5}{17}$

☐ 2.  $3\frac{1}{17}$

☐ 3.  $5\frac{1}{17}$

☒ 4.  $3\frac{5}{17}$

Question ID : 98958017106

Status : Answered

Chosen Option : 4

**Q.11** A circle is inscribed in a triangle ABC. It touches sides AB, BC and AC at the points P, Q and R respectively. If BP = 8.5 cm, CQ = 6.5 cm and AR = 4.5 cm, then the perimeter (in cm) of the  $\triangle ABC$  is:

Ans

☐ 1. 35

☐ 2. 49.5

☒ 3. 39

☐ 4. 33

Question ID : 98958017120

Status : Answered

Chosen Option : 3

**Q.12** In triangle ABC, D and E are two points on the sides AB and AC respectively so that  $DE \parallel BC$  and  $AD/BD = 3/4$ . The ratio of the area of  $\triangle ABC$  to the area of trapezium DECB is:

Ans

☐ 1. 33 : 49

☒ 2. 49 : 40

☐ 3. 40 : 49

☐ 4. 49 : 33

Question ID : 98958017123

Status : Answered

Chosen Option : 2

**Q.13** A man bought 2 articles for ₹3050 each. He sold one article at 10% profit and another at 20% profit. The total profit percentage he earned is:

Ans

☐ 1. 10%

☐ 2. 18%

☒ 3. 15%

☐ 4. 20%

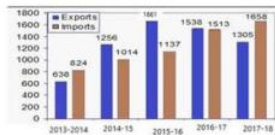
Question ID : 98958017112

Status : Answered

Chosen Option : 3

**Q.14**

The given Bar Graph presents the Imports and Exports of an item (in tonnes) manufactured by a company for the five financial years, 2013-2014 to 2017-2018.



In which financial year the absolute difference between the Exports and the Imports is the highest?

- Ans
- ☒ 1. 2017-2018
  - ☒ 2. 2014-2015
  - ☒ 3. 2015-2016
  - ☒ 4. 2016-2017

Question ID : 98958017127

Status : Answered

Chosen Option : 3

**Q.15** There was 29% off on bags. A lady bought a bag and got 13% discount for paying in cash. She paid ₹617.70. What was the price tag (in ₹) on the bag?

- Ans
- ☒ 1. 750
  - ☒ 2. 1000
  - ☒ 3. 800
  - ☒ 4. 925

Question ID : 98958017110

Status : Answered

Chosen Option : 2

**Q.16** A man gets a discount of 30% and then 20% on his food bill of ₹1,500. How much discount, in rupees, did he get?

- Ans
- ☒ 1. 700
  - ☒ 2. 360
  - ☒ 3. 660
  - ☒ 4. 500

Question ID : 98958015730

Status : Answered

Chosen Option : 3

**Q.17** If  $x^4 + x^{-4} = 1442$ , ( $x > 0$ ) then the value of  $x + x^{-1}$  is:

- Ans
- ☒ 1. 7
  - ☒ 2. 8
  - ☒ 3. 6
  - ☒ 4. 15

Question ID : 98958017118

Status : Answered

Chosen Option : 3

**Q.18** If  $2 \sin^2 \theta + 5 \cos \theta - 4 = 0$ ,  $0^\circ < \theta < 90^\circ$ , then the value of  $\tan \theta + \sin \theta$  is:

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



☒ 3.  $\frac{2}{\sqrt{3}}$

☒ 4.  $\frac{3\sqrt{3}}{2}$

Question ID : 98958017126  
Status : Answered  
Chosen Option : 4

**Q.19** 9 years ago, the average age of a family of five members was 33 years. Now, three new members join whose ages are in ascending order with consecutive gaps of 8 years. If the present average age of the family is the same as it was 9 years ago, what is the age (in years) of the youngest new member?

- Ans ☒ 1. 15
- ☒ 2. 17
- ☒ 3. 10
- ☒ 4. 9

Question ID : 98958017109  
Status : Answered  
Chosen Option : 3

**Q.20** If  $x + \frac{1}{x} = 10$ , then  $x^3 + \frac{1}{x^3}$  is equal to:

- Ans ☒ 1. 970
- ☒ 2. 1030
- ☒ 3. 1000
- ☒ 4. 1100

Question ID : 98958015731  
Status : Answered  
Chosen Option : 1

**Q.21** If  $a^2 + b^2 = 99$  and  $ab = 11$ , ( $a > 0$ ,  $b > 0$ ) then the value of  $(a^3 + b^3)$  is:

- Ans ☒ 1. 1250
- ☒ 2. 968
- ☒ 3. 1100
- ☒ 4. 1080

Question ID : 98958017117  
Status : Answered  
Chosen Option : 2

**Q.22** In a  $\triangle ABC$ , the bisectors of  $\angle B$  and  $\angle C$  meet at point O within the triangle. If  $\angle BOC$  is given, then which among the given options is true?

- Ans ☒ 1.  $\angle A = 2(90^\circ - \angle BOC)$
- ☒ 2.  $\angle A = 180^\circ - \angle BOC$
- ☒ 3.  $\angle A = 90^\circ + \angle BOC$
- ☒ 4.  $\angle A = 2(\angle BOC - 90^\circ)$

Question ID : 98958017122  
Status : Answered  
Chosen Option : 1

**Q.23** A train covers 60 km at a uniform speed. If the speed had been 8 km/h more, it would have taken 10 hours less for the same journey. What is the speed of the train (in km/h)?

- Ans ☒ 1. 4  
☒ 2. 2.5  
☒ 3. 3  
☒ 4. 5

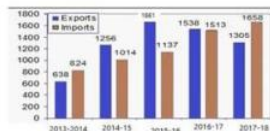
Question ID : 98958017107  
 Status : Answered  
 Chosen Option : 1

**Q.24** A number is decreased by 30%, then increased by 30%, then further decreased by 10%. What is the net increase/decrease percent in the number (correct to the nearest integer)?

- Ans ☒ 1. 18% increase  
☒ 2. 19% decrease  
☒ 3. 19% increase  
☒ 4. 18% decrease

Question ID : 98958017111  
 Status : Answered  
 Chosen Option : 4

**Q.25** The given Bar Graph presents the Imports and Exports of an item (in tonnes) manufactured by a company for the five financial years, 2013-2014 to 2017-2018.



In which financial year the percentage increase in Imports and Exports taken together is the highest in comparison to its previous financial year?

- Ans ☒ 1. 2016-2017  
☒ 2. 2014-2015  
☒ 3. 2017-2018  
☒ 4. 2015-2016

Question ID : 98958017130  
 Status : Answered  
 Chosen Option : 4

#### Section : English Language

**Q.1** Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. They had come from different parts of the city.  
 B. Men, tall and skinny, short and fat gathered in Dubai.  
 C. They were all named Mohammad!  
 D. But, all of them had one thing in common.

- Ans ☒ 1. BADC  
☒ 2. BDAC  
☒ 3. ADCB  
☒ 4. ABCD

Question ID : 98958016051  
 Status : Answered  
 Chosen Option : 1

**Q.2** Identify the segment which contains the grammatical error.

The ambulance have arrived on time, the accident victim was taken to the hospital.

- Ans
- ☒ 1. the accident victim
  - ☒ 2. have arrived on time
  - ☒ 3. The ambulance
  - ☒ 4. was taken to the hospital

Question ID : 98958016039  
Status : Answered  
Chosen Option : 2

Q.3 Identify the segment which contains the grammatical error.

The Principal requested to the Chief Guest to inaugurate the sports meet.

- Ans
- ☒ 1. The Principal requested
  - ☒ 2. the sports meet
  - ☒ 3. to the Chief Guest
  - ☒ 4. to inaugurate

Question ID : 98958016038  
Status : Answered  
Chosen Option : 3

Q.4 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. Practicing hard, she hoped to win an Olympic medal some day.
- B. As she sped down the slope she had a terrible accident.
- C. But, she didn't know it would be her last run ever.
- D. Ann Thompson was going to make her practice ski run before lunch.

- Ans
- ☒ 1. DCBA
  - ☒ 2. BCDA
  - ☒ 3. DACB
  - ☒ 4. ACDB

Question ID : 98958016050  
Status : Answered  
Chosen Option : 3

Q.5 Select the wrongly spelt word.

- Ans
- ☒ 1. missionary
  - ☒ 2. jewellery
  - ☒ 3. elementery
  - ☒ 4. hereditary

Question ID : 98958016061  
Status : Answered  
Chosen Option : 3

Q.6 Identify the most appropriate option to substitute the underlined segment. If no substitution is required, select No substitution.

Of Rama and Usha the later is the most responsible.



- Ans
- ☒ 1. the later is more
  - ☒ 2. the latter is the more
  - ☒ 3. the latter is most
  - ☒ 4. No substitution.

Question ID : 98958016042

Status : **Answered**  
Chosen Option : 2

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





**To grease the palm**

- Ans  1. to give support  
 2. to bribe someone  
 3. to cheat someone  
 4. to give a massage

Question ID : **98958016057**  
Status : **Answered**  
Chosen Option : 2

**Q.8 Select the most appropriate indirect form of the given sentence.**





**The lawyer said to the accused, "Where were you at the time of the burglary?"**

- Ans  1. The lawyer asked the burglar where he was at the time of burglary.  
 2. The lawyer asked the burglar that where was he at the time of burglary.  
 3. The lawyer asked the burglar if he was there at the time of burglary.  
 4. The lawyer asked the burglar where were you at the time of burglary.

Question ID : **98958016041**  
Status : **Answered**  
Chosen Option : 1

**Q.9 Select the most appropriate passive form of the given sentence.**

**Have you paid your outstanding bills?**

- Ans  1. Have your outstanding bills been paid?  
 2. Are your outstanding bills being paid?  
 3. Have your outstanding bills being paid?  
 4. Will your outstanding bills be paid?

Question ID : **98958016040**  
Status : **Answered**  
Chosen Option : 1

**Q.10 Select the correctly spelt word.**

- Ans  1. compitition  
 2. distruction  
 3. contruction  
 4. repetition

Question ID : **98958016060**  
Status : **Answered**  
Chosen Option : 4

**Q.11 Fill in the blank with the most appropriate word.**

**The \_\_\_\_\_ appears to be rather rough today for the ships to sail.**

- Ans  1. environment  
 2. climate  
 3. atmosphere  
 4. weather

Question ID : **98958016062**  
Status : **Answered**  
Chosen Option : **4**

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

**SPARSE**

- Ans ☒ 1. dense  
☒ 2. strong  
☒ 3. thin  
☒ 4. weak

Question ID : **98958016054**  
Status : **Answered**  
Chosen Option : **1**

**Q.13 Select the most appropriate word for the group of words.**

**One whose hobby is stamp collection**

- Ans ☒ 1. phonologist  
☒ 2. philanthropist  
☒ 3. philatelist  
☒ 4. panegyrist

Question ID : **98958016059**  
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.

"Tenzing and Hillary have done it! Mount Everest has been conquered!" This news evoked (1) \_\_\_\_\_ reactions. Somehow, there was a sense of disappointment (2) \_\_\_\_\_ the fact that the great mountain had been (3) \_\_\_\_\_. It would have been nice to (4) \_\_\_\_\_ the Everest as an (5) \_\_\_\_\_ part of the Earth.

**SubQuestion No : 14**

**Q.14 Select the most appropriate option to fill in blank number 1**

- Ans ☒ 1. intruding  
☒ 2. intimate  
☒ 3. interesting  
☒ 4. inspired

Question ID : **98958016045**  
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.

"Tenzing and Hillary have done it! Mount Everest has been conquered!" This news evoked (1) \_\_\_\_\_ reactions. Somehow, there was a sense of disappointment (2) \_\_\_\_\_ the fact that the great mountain had been (3) \_\_\_\_\_. It would have been nice to (4) \_\_\_\_\_ the Everest as an (5) \_\_\_\_\_ part of the Earth.

**SubQuestion No : 15**

**Q.15 Select the most appropriate option to fill in blank number 2**

- Ans ☒ 1. on  
☒ 2. of

- ☒ 3. at  
☒ 4. for

Question ID : 98958016046  
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.

"Tenzing and Hillary have done it! Mount Everest has been conquered!" This news evoked (1) \_\_\_\_\_ reactions. Somehow, there was a sense of disappointment (2) \_\_\_\_\_ the fact that the great mountain had been (3) \_\_\_\_\_. It would have been nice to (4) \_\_\_\_\_ the Everest as an (5) \_\_\_\_\_ part of the Earth.

**SubQuestion No : 16**

**Q.16 Select the most appropriate option to fill in blank number 3**

- Ans ☒ 1. invaded  
☒ 2. challenged  
☒ 3. occupied  
☒ 4. conquered

Question ID : 98958016047  
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.

"Tenzing and Hillary have done it! Mount Everest has been conquered!" This news evoked (1) \_\_\_\_\_ reactions. Somehow, there was a sense of disappointment (2) \_\_\_\_\_ the fact that the great mountain had been (3) \_\_\_\_\_. It would have been nice to (4) \_\_\_\_\_ the Everest as an (5) \_\_\_\_\_ part of the Earth.

**SubQuestion No : 17**

**Q.17 Select the most appropriate option to fill in blank number 4**

- Ans ☒ 1. be leaving  
☒ 2. left  
☒ 3. had left  
☒ 4. have left

Question ID : 98958016048  
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.

"Tenzing and Hillary have done it! Mount Everest has been conquered!" This news evoked (1) \_\_\_\_\_ reactions. Somehow, there was a sense of disappointment (2) \_\_\_\_\_ the fact that the great mountain had been (3) \_\_\_\_\_. It would have been nice to (4) \_\_\_\_\_ the Everest as an (5) \_\_\_\_\_ part of the Earth.

**SubQuestion No : 18**

**Q.18 Select the most appropriate option to fill in blank number 5**

- Ans ☒ 1. unavailed  
☒ 2. unusual  
☒ 3. unassailable  
☒ 4. unruly

Question ID : 98958016049  
Status : Answered  
Chosen Option : 3

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

OPPORTUNE

- Ans
- ☐ 1. rarely
  - ☐ 2. likely
  - ☒ 3. timely
  - ☐ 4. barely

Question ID : 98958016053  
Status : Answered  
Chosen Option : 2

Q.20 Select the most appropriate word for the group of words.

One who is in charge of a museum or art gallery

- Ans
- ☐ 1. monitor
  - ☒ 2. curator
  - ☐ 3. instructor
  - ☐ 4. collector

Question ID : 98958016058  
Status : Answered  
Chosen Option : 2

Q.21 Select the most appropriate antonym of the given word.

INFERIOR

- Ans
- ☐ 1. ulterior
  - ☐ 2. exterior
  - ☐ 3. interior
  - ☒ 4. superior

Question ID : 98958016055  
Status : Answered  
Chosen Option : 4

Q.22 Identify the most appropriate option to substitute the underlined segment. If no substitution is required, select No substitution.

By next week I will have been made all the reservations for the trip to Europe.

- Ans
- ☐ 1. will had make
  - ☐ 2. will have been making
  - ☒ 3. will have made
  - ☐ 4. No substitution.

Question ID : 98958016043  
Status : Answered  
Chosen Option : 3

Q.23 Select the most appropriate synonym of the given word.

PATHETIC

- Ans
- ☐ 1. powerful

- ☐ 2. plentiful
- ☐ 3. purposeful
- ☒ 4. pitiful

Question ID : **98958016052**  
Status : **Answered**  
Chosen Option : **4**

**Q.24** Select the most appropriate meaning of the given idiom.

**To bark up the wrong tree**

- Ans** ☒ 1. to be wrong about the reason for something
- ☐ 2. to bury money under a tree and forget the place
- ☐ 3. to be mistaken about the name of a tree
- ☐ 4. to eat an unpalatable fruit by mistake

Question ID : **98958016056**  
Status : **Answered**  
Chosen Option : **1**

**Q.25** Fill in the blank with the most appropriate word.

**The archaeologist made a \_\_\_\_\_ discovery.**

- Ans** ☐ 1. senile
- ☒ 2. sensational
- ☐ 3. sensible
- ☐ 4. sensitive

Question ID : **98958016063**  
Status : **Answered**  
Chosen Option : **2**