

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

Roll No.	
Registration No.	
Name	
Test Venue	
Test Time	10:00 AM - 11:00 AM
Test Date	02/07/2019

## Section : General Intelligence

**Q.1** Select the option that is related to the third number in the same way as the second number is related to the first number.

54 : 41 :: 32 : \_\_\_\_

- Ans
- ☒ 1. 29
  - ☒ 2. 13
  - ☒ 3. 17
  - ☒ 4. 11

Question ID : 98958015431

Status : Answered

Chosen Option : 2

**Q.2** 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 : 98958015440

Status : Answered

Chosen Option : 2

Q.3 Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.



Ans

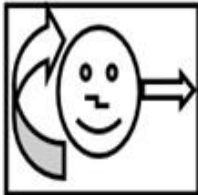
✗ 1.



✓ 2.



✗ 3.



✗ 4.



Question ID : 98958015441

Status : Answered

Chosen Option : 2

Q.4 Which two signs should be interchanged in the following equation to make it correct?

$$24 \div 2 + 13 - 54 \times 2 = 34$$

Ans ✗ 1. + and ×

✗ 2. - and ×

✓ 3. × and ÷

✗ 4. - and ÷

Question ID : 98958015430

Status : Not Answered

Chosen Option : -

Q.5 Arrange the following words in a logical and meaningful order.

1. Promotion
2. Application
3. Job appointment
4. Written test
5. Merit list

Ans ✗ 1. 2, 5, 4, 3, 1

☒ 2. 3, 2, 4, 1, 5

☒ 3. 4, 2, 5, 3, 1

☒ 4. 2, 4, 5, 3, 1

Question ID : 98958015418

Status : Answered

Chosen Option : 4

Q.6 How many triangles are present in the following figure?



Ans ☒ 1. 14

☒ 2. 13

☒ 3. 10

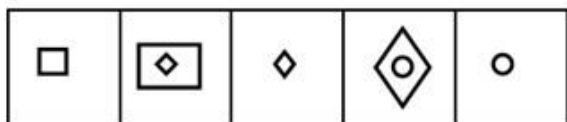
☒ 4. 12

Question ID : 98958015438

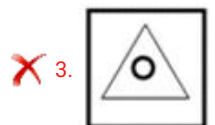
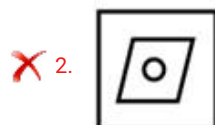
Status : Answered

Chosen Option : 4

Q.7 Select the figure that will come next in the following figure series.



Ans



Question ID : 98958015437

Status : Answered

Chosen Option : 1





Q.8 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:

Some essays are poems.  
Some poems are directors.  
All directors are singers.

Conclusions:

I. Some directors are poems.  
II. Some singers are essays.  
III. Some singers are poems.




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

Question ID : 98958015428

Status : Answered

Chosen Option : 1

Q.9 Rahul has ₹340 in the denominations of ₹2 notes, ₹5 notes and ₹10 notes. The number of notes of each denomination is equal. What is the total number of notes that Rahul has?

- Ans  1. 40
-  2. 60
-  3. 20
-  4. 80




Question ID : 98958015429

Status : Answered

Chosen Option : 2

Q.10 Which number will replace the question mark (?) in the following series?

5, 9, 18, 43, 92, 213, 382, ?

- Ans  1. 328
-  2. 617
-  3. 382
-  4. 671

Question ID : 98958015434

Status : Answered

Chosen Option : 4

Q.11 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out .

- Ans  1. GSVE
-  2. LOPK
-  3. CXGT
-  4. MNQJ

Question ID : 98958015426

Q.12 In a code language, PERMUTATION is written as IBKFRMXMFLG. How will PUBLICSECTOR be written as in that language?

- Ans
- ☒ 1. ICUFEVLBVNLK
  - ☒ 2. ICUFEVLBVMLJ
  - ☒ 3. IRUEFVLBVMLK
  - ☒ 4. IRVEFVLBVMLK

Question ID : 98958015419  
Status : Not Answered  
Chosen Option : -

Q.13 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

ab\_ba\_babd\_acb\_bdba\_b

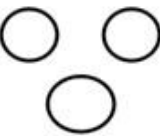

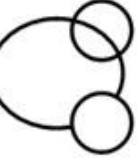

- Ans
- ☒ 1. cdabc
  - ☒ 2. dcbac
  - ☒ 3. acbcd
  - ☒ 4. dcabc

Question ID : 98958015423  
Status : Answered  
Chosen Option : 2

Q.14 Select the Venn diagram that best illustrates the relationship between the following classes.

Raw material, Labourers, Machines

Ans

- ☒ 1. 
- ☒ 2. 
- ☒ 3. 
- ☒ 4. 

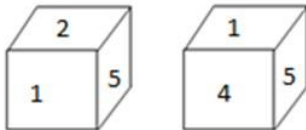
Question ID : 98958015442  
Status : Answered  
Chosen Option : 1

Q.15 In a family of 5 members, X is the sister of Y. M has two children and he is the son of E, who is the father-in-law of H. H has only one son. Y is not the grand-daughter of E. How is X related to E?

- Ans
- ☒ 1. Sister
  - ☒ 2. Daughter
  - ☒ 3. Grand-daughter
  - ☒ 4. Grandson

Question ID : 98958015424  
Status : Not Answered  
Chosen Option : -

Q.16 Two different positions of the same dice are shown. Find the number opposite to the face having 4.



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

Question ID : 98958015436  
Status : Answered  
Chosen Option : 3

Q.17 'Cardiologist' is related to 'Heart' in the same way as 'Chiropractor' is related to '\_\_\_\_\_'. .

- Ans
- ☒ 1. Skin
  - ☒ 2. Foot
  - ☒ 3. Chest
  - ☒ 4. Joints

Question ID : 98958015422  
Status : Not Answered  
Chosen Option : -

Q.18 If MASTER is coded as 26138402536 and GOVIND is coded as 142254481288, then how will BACKSPACE be coded as?

- Ans
- ☒ 1. 4162238321625
  - ☒ 2. 5172339317125
  - ☒ 3. 4172393337125
  - ☒ 4. 5172933373215

Question ID : 98958015420  
Status : Not Answered  
Chosen Option : -

Q.19 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(4, 10, 23)

- Ans
- ☒ 1. (7, 23, 49)
  - ☒ 2. (3, 7, 17)
  - ☒ 3. (4, 12, 21)
  - ☒ 4. (2, 6, 15)

Question ID : 98958015432

Status : Answered

Chosen Option : 4

Q.20 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

- Ans
- ☒ 1. Bag
  - ☒ 2. Suitcase
  - ☒ 3. Purse
  - ☒ 4. Carpet

Question ID : 98958015427

Status : Answered

Chosen Option : 4

Q.21 Select the option in which the given figure is embedded.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 98958015439

Status : Answered

Chosen Option : 3

Q.22 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.

MARKET : IEONCV :: THERMO : \_\_\_\_\_

- Ans  1. PLBUKQ  
 2. JKCTKQ  
 3. PLDSKQ  
 4. JLZUKQ

Question ID : 98958015421  
Status : Answered  
Chosen Option : 1

Q.23 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. 4147  
 2. 8205  
 3. 9368  
 4. 7298

Question ID : 98958015435  
Status : Not Answered  
Chosen Option : –

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





(5, 2, 30)

- Ans  1. (5, 1, 29)  
 2. (9, 2, 87)  
 3. (4, 3, 28)  
 4. (7, 8, 114)

Question ID : 98958015433  
Status : Not Answered  
Chosen Option : –

Q.25 Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.

Spoke : Wheel

- Ans  1. Word : Sentence  
 2. Printer : Computer  
 3. Square : Side  
 4. Tree : Branch

Question ID : 98958015425  
Status : Answered  
Chosen Option : 1

Section : General Awareness

Q.1 Who among the following was the first Sayyid ruler of Delhi?

Ans



- ☒ 1. Mubārak Shah
- ☒ 2. Alam Shah
- ☒ 3. Muḥammad Shah
- ☒ 4. Khizr Khan

Question ID : 98958015052  
Status : Not Answered  
Chosen Option : –

Q.2 Who was the captain of the Indian women's Kabaddi team that won silver at the 2018 Asian Games?

- Ans
- ☒ 1. Manpreet Kaur
  - ☒ 2. Ritu Negi
  - ☒ 3. Shalini Pathak
  - ☒ 4. Payel Chowdhury

Question ID : 98958015060  
Status : Not Answered  
Chosen Option : –

Q.3 Which of the following states shares the longest boundary with China?

- Ans
- ☒ 1. Sikkim
  - ☒ 2. Arunachal Pradesh
  - ☒ 3. Himachal Pradesh
  - ☒ 4. Uttarakhand

Question ID : 98958015048  
Status : Answered  
Chosen Option : 1

Q.4 Which of the following political parties was NOT an ally of the BJP-led NDA in 2019 Lok Sabha elections?

- Ans
- ☒ 1. Shiromani Akali Dal
  - ☒ 2. Asom Gana Parishad
  - ☒ 3. AIADMK
  - ☒ 4. DMK

Question ID : 98958015057  
Status : Not Answered  
Chosen Option : –

Q.5 Who among the following is the 2019 winner of the \$100,000 Nine Dots Prize?

- Ans
- ☒ 1. Annie Zaidi
  - ☒ 2. Chetan Bhagat
  - ☒ 3. Shashi Tharoor
  - ☒ 4. Arundhati Roy

Question ID : 98958015054  
Status : Not Answered

Chosen Option : -

Q.6 In June 2019, PepsiCo India proposed to invest \$70 million to build a food manufacturing plant in:

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

Question ID : 98958015062

Status : Answered

Chosen Option : 2

Q.7 Who among the following won a silver medal in the equestrian event at the 2018 Asian Games?

- Ans
- ☒ 1. Ashish Malik
  - ☒ 2. Fouaad Mirza
  - ☒ 3. Rakesh Kumar
  - ☒ 4. Jitender Singh

Question ID : 98958015059

Status : Not Answered

Chosen Option : -

Q.8 Who is the director of the film 'PM Narendra Modi'?

- Ans
- ☒ 1. Tigmanshu Dhulia
  - ☒ 2. Omung Kumar
  - ☒ 3. Rakeysh Omprakash Mehra
  - ☒ 4. Hansal Mehta

Question ID : 98958015055

Status : Not Answered

Chosen Option : -

Q.9 On the occasion of 'World No Tobacco Day' on 31 May, which state banned e-cigarettes?

- Ans
- ☒ 1. Assam
  - ☒ 2. Uttar Pradesh
  - ☒ 3. Rajasthan
  - ☒ 4. Gujarat

Question ID : 98958015063

Status : Answered

Chosen Option : 1

Q.10 The joint process of vapourisation and condensation is called:

- Ans
- ☒ 1. Sublimation
  - ☒ 2. Chromatography
  - ☒ 3. Distillation
  - ☒ 4. Crystallisation

Question ID : 98958015044  
Status : Answered  
Chosen Option : 3

Q.11 Which of the following metals has an ore named Galena?

- Ans
- ☐ 1. Nickel
  - ☐ 2. Copper
  - ☐ 3. Iron
  - ☒ 4. Lead

Question ID : 98958015045  
Status : Answered  
Chosen Option : 4

Q.12 The Bhupen Hazarika Setu, also called Dhola–Sadiya Bridge which connects Assam and \_\_\_\_\_.

- Ans
- ☐ 1. Sikkim
  - ☐ 2. Meghalaya
  - ☐ 3. West Bengal
  - ☒ 4. Arunachal Pradesh

Question ID : 98958015050  
Status : Answered  
Chosen Option : 4

Q.13 Panchavati, a key part of the Valmiki Ramayana is located in which state of India?

- Ans
- ☐ 1. Tamil Nadu
  - ☐ 2. Uttar Pradesh
  - ☒ 3. Maharashtra
  - ☐ 4. Uttarakhand

Question ID : 98958015051  
Status : Answered  
Chosen Option : 3

Q.14 In the new Union cabinet of 2019, the portfolio of Micro, Small and Medium Enterprises was allocated to:

- Ans
- ☐ 1. Narendra Singh Tomar
  - ☒ 2. Nitin Jairam Gadkari
  - ☐ 3. Ramvilas Paswan
  - ☐ 4. Sadananda Gowda

Question ID : 98958015056  
Status : Not Answered  
Chosen Option : –

Q.15 Rani-ki-Vav (the Queen's Stepwell), which is in the UNESCO World Heritage List, is located in:

- Ans
- ☐ 1. Madhya Pradesh
  - ☒ 2. Gujarat

 3. Uttar Pradesh

 4. Rajasthan

Question ID : 98958015040

Status : Answered

Chosen Option : 4

Q.16 During the passage of the Royal Titles Act 1876, the office of the British Prime Minister was occupied by:

Ans  1. William Ewart Gladstone

 2. Arthur Balfour

 3. John Russell

 4. Benjamin Disraeli

Question ID : 98958015053

Status : Not Answered

Chosen Option : -

Q.17 What is the full form of GSTIN in relation to GST?

Ans  1. Goods and Services Tax Identification Note

 2. Goods and Services Tax Identification Number

 3. Goods and Services Tax Information Number

 4. Goods and Services Taxation Income Number

Question ID : 98958015041


Status : Answered

Chosen Option : 2

Q.18 Paan Singh Tomar, who was a seven-time national champion, was associated with which of the following sports?

Ans  1. Hockey

 2. Swimming

 3. Shotput

 4. Steeplechase

Question ID : 98958015058

Status : Answered

Chosen Option : 1

Q.19 In which year was Google incorporated as a private company?

Ans  1. 2000

 2. 2005

 3. 2002

 4. 1998

Question ID : 98958015047

Status : Answered

Chosen Option : 4

Q.20 In May 2019, the Government of India approved a new scheme which assures minimum

monthly pension to all shopkeepers, retail traders and self employed persons after attaining the age of 60 years. How much is the pension amount?

- Ans
- ☒ 1. ₹5,000
  - ☒ 2. ₹10,000
  - ☒ 3. ₹3,000
  - ☒ 4. ₹7,000

Question ID : 98958015061

Status : Answered

Chosen Option : 1

Q.21 Which of the following terms refers to the running down or payment of a loan in instalments?

- Ans
- ☒ 1. Discounted cashflow
  - ☒ 2. Credit creation
  - ☒ 3. Backwardation
  - ☒ 4. Amortisation

Question ID : 98958015042

Status : Not Answered

Chosen Option : -

Q.22 Which of the following are the highest-frequency electro magnetic waves?

- Ans
- ☒ 1. Gamma Rays
  - ☒ 2. Radio Waves
  - ☒ 3. Ultraviolet Rays
  - ☒ 4. Microwaves

Question ID : 98958015043

Status : Answered

Chosen Option : 1

Q.23 Which of the following states separates Nepal from Bhutan?

- Ans
- ☒ 1. Bihar
  - ☒ 2. Sikkim
  - ☒ 3. Odisha
  - ☒ 4. Assam

Question ID : 98958015049

Status : Answered

Chosen Option : 4

Q.24 A region of computer memory where frequently accessed data can be stored for rapid access is called:

- Ans
- ☒ 1. Cookie
  - ☒ 2. Plug-in
  - ☒ 3. Token
  - ☒ 4. Cache

Question ID : 98958015046

Status : **Answered**  
Chosen Option : 4

Q.25 Who among the following is the author of 'Kamayani', the epic poem that is considered as one of the greatest literary works in Hindi?

- Ans
- ☐ 1. Mohan Rakesh
  - ☒ 2. Jaishankar Prasad
  - ☐ 3. Premchand
  - ☐ 4. Ramdhari Singh Dinkar

Question ID : 98958015039  
Status : **Not Answered**  
Chosen Option : -

Section : Quantitative Aptitude

Q.1 If  $\cos^2\theta - \sin^2\theta - 3\cos\theta + 2 = 0$ ,  $0^\circ < \theta < 90^\circ$ , then what is the value of  $4\operatorname{cosec}\theta + \cot\theta$ ?

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

Question ID : 98958015754  
Status : **Not Answered**  
Chosen Option : -

Q.2 If  $a^2 + 4b^2 + 49c^2 + 18 = 2(2b + 28c - a)$ , then the value of  $(3a + 2b + 7c)$  is:

- Ans
- ☐ 1. 0
  - ☒ 2. 2
  - ☐ 3. 1
  - ☐ 4. 3

Question ID : 98958015746  
Status : **Not Answered**  
Chosen Option : -

Q.3 Two trains of same length are running on parallel tracks in the same direction at 54 km/h and 42 km/h respectively. The faster train passes the other train in 63 seconds. What is the length (in metres) of each train?

- Ans
- ☐ 1. 90
  - ☐ 2. 81
  - ☒ 3. 105
  - ☐ 4. 210

Question ID : 98958015735  
Status : **Answered**  
Chosen Option : 4

Q.4 Two concentric circles are of radii 15 cm and 9 cm. What is the length of the chord of the larger circle which is tangent to the smaller circle?

- Ans ☒ 1. 24 cm  
☐ 2. 18 cm  
☐ 3. 20 cm  
☐ 4. 25 cm

Question ID : 98958015749  
Status : Not Answered  
Chosen Option : -

Q.5 The simple interest on a certain sum for  $3\frac{1}{2}$  years at 10% per annum is ₹2,940. What will be the compound interest on the same sum for  $2\frac{1}{2}$  years at the same rate when interest is compounded yearly (nearest to a rupee)?

- Ans ☒ 1. ₹2,272  
☐ 2. ₹2,227  
☐ 3. ₹2,327  
☐ 4. ₹2,372

Question ID : 98958015742  
Status : Not Answered  
Chosen Option : -

Q.6  $\frac{(\sec\theta + \tan\theta)(1 - \sin\theta)}{\operatorname{cosec}\theta(1 + \cos\theta)(\operatorname{cosec}\theta - \cot\theta)}$  is equal to:

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

Question ID : 98958015753  
Status : Not Answered  
Chosen Option : -

Q.7 After allowing a discount of 10% on the marked price of an article, it is sold for ₹360. Had the discount not been given, the profit would have been 25%. What is the cost price of the article?

- Ans ☐ 1. ₹350  
☐ 2. ₹360  
☒ 3. ₹320  
☐ 4. ₹325

Question ID : 98958015738  
Status : Answered  
Chosen Option : 3

Q.8 The ratio of the incomes of A and B is 2 : 3 and that of their expenditures is 1 : 2. If 90% of B's expenditure is equal to the income of A, then what is the ratio of the savings of A and B?

- Ans ☐ 1. 1 : 1  
☐ 2. 9 : 8

✓ 3. 8 : 7

✗ 4. 3 : 2

Question ID : 98958015741

Status : Not Answered

Chosen Option : -

Q.9 A person sold an article at a loss of 8%. Had he sold it at a gain of 10.5%, he would have received ₹37 more. What is the cost price of the article?

Ans ✓ 1. ₹200

✗ 2. ₹250

✗ 3. ₹240

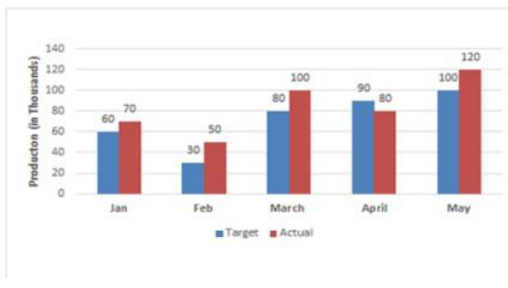
✗ 4. ₹210

Question ID : 98958015740

Status : Not Answered

Chosen Option : -

Q.10 The given Bar Graph presents the Target and Actual production of AC Machines (numbers in thousands) of a factory over five months.



The ratio of the combined target production of AC Machines in January and April to that of the combined actual production of AC Machines in March and April was:

Ans ✗ 1. 4 : 5

✗ 2. 3 : 2

✓ 3. 5 : 6

✗ 4. 2 : 3

Question ID : 98958015755

Status : Answered

Chosen Option : 3

Q.11 There are 90 students in a class, out of which 70% are from village A and others are from village B. The average score of students from village B in a test is 20% more than that from village A. If the average score of all the students is 53, then what is the average score of the students from village B?

Ans ✗ 1. 54

✓ 2. 60

✗ 3. 64

✗ 4. 50

Question ID : 98958015737

Status : Not Answered

Chosen Option : -



Q.12 A is 20% more than B, B is 25% more than C, C is 60% less than D and D is 20% more than E.

Based on the above information, which of the following is true?

- Ans
- ☒ 1. D is 60% less than B.
  - ☒ 2. E is 28% more than A.
  - ☒ 3. A is 40% less than D.
  - ☒ 4. C is 24% less than A.

Question ID : 98958015739

Status : Not Answered

Chosen Option : -

Q.13 In  $\triangle ABC$ , D and E are the points on sides AB and AC, respectively, such that  $DE \parallel BC$ . If  $DE : BC$  is 3 : 5, then (Area of  $\triangle ADE$ ) : (Area of quadrilateral DECB) is:

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

Question ID : 98958015751

Status : Answered

Chosen Option : 1

Q.14 In  $\triangle ABC$ ,  $AB = 7$  cm,  $BC = 24$  cm and  $AC = 25$  cm. If G is the centroid of the triangle, then what is the length (in cm) of BG?

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

Question ID : 98958015750

Status : Not Answered

Chosen Option : -

Q.15 If 30 persons take 10 days to complete a certain work working 8 hours a day, then 40 persons should work how many hours a day so that the work is completed in 6 days?

- Ans
- ☒ 1. 6
  - ☒ 2. 10
  - ☒ 3. 8
  - ☒ 4. 12

Question ID : 98958015734

Status : Not Answered

Chosen Option : -

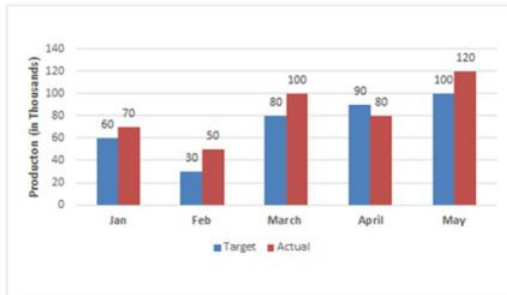
Q.16 The volume of a right circular cone is  $924 \text{ cm}^3$ . If its height is 18 cm, then the area of its base (in  $\text{cm}^2$ ) is:

- Ans
- ☒ 1. 154

- ☒ 2. 132
- ☒ 3. 176
- ☒ 4. 198

Question ID : 98958015736  
 Status : Not Answered  
 Chosen Option : –

Q.17 The given Bar Graph presents the Target and Actual production of AC Machines (numbers in thousands) of a factory over five months.



The total target production of AC Machines in February, April and May was what percentage less than the total actual production of AC Machines over all the five months (correct to one decimal place)?

- Ans
- ☒ 1. 46.2%
  - ☒ 2. 46.8%
  - ☒ 3. 47.1%
  - ☒ 4. 47.6%

Question ID : 98958015758  
 Status : Not Answered  
 Chosen Option : –

Q.18 If the eight-digit number  $342x18y6$  is divisible by 72, then what is the value of  $\sqrt{9x+y}$ , for the largest value of  $y$ ?

- Ans
- ☒ 1.  $2\sqrt{7}$
  - ☒ 2.  $4\sqrt{7}$
  - ☒ 3. 8
  - ☒ 4. 6

Question ID : 98958015743  
 Status : Not Answered  
 Chosen Option : –

Q.19 If  $\cot\theta = \frac{1}{\sqrt{3}}$ , then the value of  $\frac{2-\sin^2\theta}{1-\cos^2\theta} + (\operatorname{cosec}^2\theta + \sec\theta)$  is:

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

Question ID : 98958015752  
 Status : Not Answered

Q.20 Two circles of radii 15 cm and 12 cm intersect each other, and the length of their common chord is 18 cm. What is the distance (in cm) between their centres?

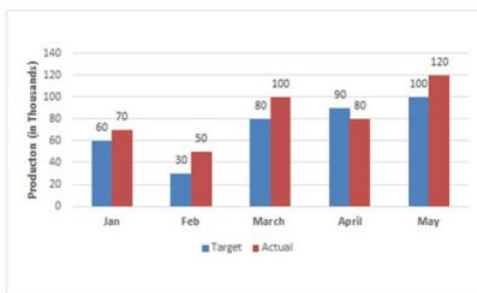
- Ans
- ☒ 1.  $18 + \sqrt{7}$
  - ☒ 2.  $15 + \sqrt{7}$
  - ☒ 3.  $12 + 2\sqrt{7}$
  - ☒ 4.  $12 + 3\sqrt{7}$

Question ID : 98958015748

Status : Not Answered

Chosen Option : -

Q.21 The given Bar Graph presents the Target and Actual production of AC Machines (numbers in thousands) of a factory over five months.



The actual production of AC Machines in April was what percentage more than the average target production of AC Machines over five months?

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

Question ID : 98958015756

Status : Answered

Chosen Option : 2

Q.22 The value of  $\frac{3 \div \{5 - 5 \div (6 - 7) \times 8 + 9\}}{4 + 4 \times 4 \div 4 \text{ of } 4}$  is:

- Ans
- ☒ 1.  $\frac{1}{45}$
  - ☒ 2.  $\frac{1}{18}$
  - ☒ 3.  $\frac{1}{90}$
  - ☒ 4.  $\frac{1}{3}$

Question ID : 98958015744

Status : Not Answered

Chosen Option : -

Q.23 If  $a + b + c = 5$ ,  $a^2 + b^2 + c^2 = 27$ , and  $a^3 + b^3 + c^3 = 125$ , then the value of  $4abc$  is:

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

Question ID : 98958015747

Status : Not Answered

Chosen Option : -

Q.24 If  $3\sqrt{3}x^3 - 2\sqrt{2}y^3 = (\sqrt{3}x - \sqrt{2}y)(Ax^2 - Bxy + Cy^2)$ , then the value of  $(A^2 - B^2 + C^2)$  is:

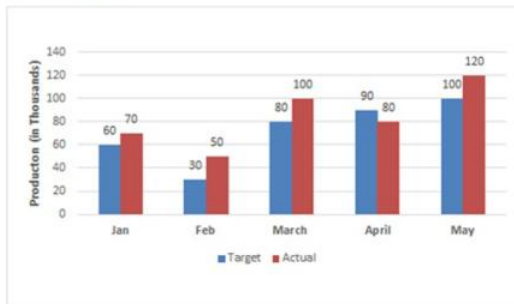
- Ans ☒ 1. 10  
☒ 2. 17  
☒ 3. 7  
☒ 4. 1

Question ID : 98958015745

Status : Not Answered

Chosen Option : -

Q.25 The given Bar Graph presents the Target and Actual production of AC Machines (numbers in thousands) of a factory over five months.



In which month the actual production of AC Machines was 25% more than the target production?

- Ans ☒ 1. February  
☒ 2. March  
☒ 3. January  
☒ 4. May

Question ID : 98958015757

Status : Answered

Chosen Option : 2

Section : English Language

**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.

Big Ben is the UK's most iconic symbol. Since 2017, the Elizabeth Tower and the bell inside have been (1) \_\_\_\_\_ renovation. The structure is 160 years old and (2) \_\_\_\_\_ regular maintenance. (3) \_\_\_\_\_ many years, people had been painting the hands and numbers (4) \_\_\_\_\_ the clock black, but last Thursday, the workers (5) \_\_\_\_\_ the clock's original colour, Prussian Blue!

SubQuestion No : 1

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

- Ans
- ☒ 1. undermining
  - ☒ 2. understanding
  - ☒ 3. undergoing
  - ☒ 4. undertaking

Question ID : 98958015296

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.

Big Ben is the UK's most iconic symbol. Since 2017, the Elizabeth Tower and the bell inside have been (1) \_\_\_\_\_ renovation. The structure is 160 years old and (2) \_\_\_\_\_ regular maintenance. (3) \_\_\_\_\_ many years, people had been painting the hands and numbers (4) \_\_\_\_\_ the clock black, but last Thursday, the workers (5) \_\_\_\_\_ the clock's original colour, Prussian Blue!

SubQuestion No : 2

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

- Ans
- ☒ 1. need
  - ☒ 2. was needing
  - ☒ 3. is needed
  - ☒ 4. has needed

Question ID : 98958015297

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.

Big Ben is the UK's most iconic symbol. Since 2017, the Elizabeth Tower and the bell inside have been (1) \_\_\_\_\_ renovation. The structure is 160 years old and (2) \_\_\_\_\_ regular maintenance. (3) \_\_\_\_\_ many years, people had been painting the hands and numbers (4) \_\_\_\_\_ the clock black, but last Thursday, the workers (5) \_\_\_\_\_ the clock's original colour, Prussian Blue!

SubQuestion No : 3

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

- Ans
- ☒ 1. About
  - ☒ 2. For
  - ☒ 3. Before
  - ☒ 4. In

Question ID : 98958015298

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.

Big Ben is the UK's most iconic symbol. Since 2017, the Elizabeth Tower and the bell inside have been (1) \_\_\_\_\_ renovation. The structure is 160 years old and (2) \_\_\_\_\_ regular maintenance. (3) \_\_\_\_\_ many years, people had been painting the hands and numbers (4) \_\_\_\_\_ the clock black, but last Thursday, the workers (5) \_\_\_\_\_ the clock's original colour, Prussian Blue!

**SubQuestion No : 4**

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

- Ans
- ☒ 1. to
  - ☒ 2. of
  - ☒ 3. at
  - ☒ 4. for

Question ID : 98958015299

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.

Big Ben is the UK's most iconic symbol. Since 2017, the Elizabeth Tower and the bell inside have been (1) \_\_\_\_\_ renovation. The structure is 160 years old and (2) \_\_\_\_\_ regular maintenance. (3) \_\_\_\_\_ many years, people had been painting the hands and numbers (4) \_\_\_\_\_ the clock black, but last Thursday, the workers (5) \_\_\_\_\_ the clock's original colour, Prussian Blue!

**SubQuestion No : 5**

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

- Ans
- ☒ 1. imparted
  - ☒ 2. invented
  - ☒ 3. discovered
  - ☒ 4. concealed

Question ID : 98958015300

Status : Answered

Chosen Option : 3

**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.

Oh, what a lovely necklace! You need no buy such an expensive gift.

- Ans
- ☒ 1. hadn't needed to buy
  - ☒ 2. needn't have bought
  - ☒ 3. No improvement
  - ☒ 4. didn't need to buying




Question ID : 98958015294

Status : Answered

Chosen Option : 2

**Q.7** Select the most appropriate antonym of the given word.

EXOTIC

- Ans  1. alien  
 2. ordinary  
 3. colourful  
 4. curious

Question ID : 98958015305  
Status : Answered  
Chosen Option : 2

Q.8 In the sentence identify the segment which contains the grammatical error.

I visited my friend to whom I had made an appointment.

- Ans  1. I visited my friend  
 2. I had made  
 3. to whom  
 4. an appointment

Question ID : 98958015290  
Status : Answered  
Chosen Option : 3

Q.9 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.

I hope never to have another so experience as I had in Puri during Cyclone Fani.

- Ans  1. No improvement  
 2. such experience as  
 3. as experience as  
 4. same experience as

Question ID : 98958015293  
Status : Answered  
Chosen Option : 3

Q.10

Select the most appropriate word to fill in the blank.

People's will and determination can help them \_\_\_\_\_ most of the challenges of life.

- Ans  1. overvalue  
 2. overdo  
 3. overview  
 4. overcome


Question ID : 98958015313  
Status : Answered  
Chosen Option : 4

Q.11 Select the word which means the same as the group of words given.

One who does not tire easily

- Ans  1. infallible

 2. indefatigable

 3. inevitable

 4. indelible

Question ID : 98958015310

Status : Answered

Chosen Option : 2

Q.12 In the sentence identify the segment which contains the grammatical error.

The Public Works Department has propose to construct an elevated corridor which will run parallel to the National highway.

Ans  1. to the National highway

 2. The Public Works Department has propose

 3. which will run parallel

 4. to construct an elevated corridor

Question ID : 98958015289


Status : Answered

Chosen Option : 2

Q.13 Select the word which means the same as the group of words given.

A group of singers in a church

Ans  1. choir

 2. band

 3. host

 4. troop

Question ID : 98958015309

Status : Answered

Chosen Option : 1

Q.14 Select the wrongly spelt word.

Ans  1. berry

 2. barren

 3. berrel

 4. barrier

Question ID : 98958015311

Status : Answered

Chosen Option : 3

Q.15 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. Most of them are in jail because of their circumstances.

B. Not all prisoners are hardcore criminals.

C. So, they deserve a chance to rehabilitate themselves.

D. Therefore, learning a trade would help them reintegrate with society.

Ans  1. BDCA

 2. ABCD



 3. DCBA

 4. BACD

Question ID : 98958015302


Status : Answered

Chosen Option : 2

Q.16 Select the most appropriate meaning of the given idiom.

to air dirty linen in public

Ans  1. to discuss private affairs in public

 2. to hang out clothes in the open

 3. to continue to complain

 4. to stand up and fight

Question ID : 98958015308

Status : Answered

Chosen Option : 1

Q.17 Select the most appropriate meaning of the given idiom.

throw in the towel

Ans  1. face the situation

 2. think of a solution

 3. admit defeat

 4. drop something

Question ID : 98958015307

Status : Not Answered

Chosen Option : -

Q.18 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. He often asked questions which were strange and witty.

B. Emperor Akbar was in the habit of putting riddles and puzzles to his courtiers.


C. Once he asked a strange question that confused everyone.

D. It took much wisdom to answer these questions.

Ans  1. BADC

 2. CABD

 3. ABCD

 4. BACD

Question ID : 98958015301

Status : Not Answered



Chosen Option : -

Q.19 Select the most appropriate word to fill in the blank.

In spite of being born in an \_\_\_\_\_ family, he chose to fight all odds and emerged as a notable statesman.

Ans  1. impeccable

 2. immaculate

-  3. intelligent
-  4. impoverished

Question ID : 98958015314  
Status : Answered  
Chosen Option : 4

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

HIND

- Ans  1. near
-  2. rear
-  3. first
-  4. front

Question ID : 98958015303  
Status : Answered  
Chosen Option : 2

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





INNUENDO

- Ans  1. implication
-  2. evidence
-  3. verification
-  4. proof

Question ID : 98958015304  
Status : Answered  
Chosen Option : 1





Q.22 Select the correct indirect form of the given sentence.

Mrs. Gupta said to me, "Why are these boys standing in the sun?"

- Ans  1. Mrs. Gupta told me why those boys are standing in the sun.
-  2. Mrs. Gupta asked me why those boys were standing in the sun.
-  3. Mrs. Gupta said to me that why are these boys standing in the sun.
-  4. Mrs. Gupta asked me why were these boys standing in the sun.

Question ID : 98958015292  
Status : Answered  
Chosen Option : 2

Q.23 Select the wrongly spelt word.

- Ans  1. assurance
-  2. assurable
-  3. assure
-  4. assuredly

Question ID : 98958015312  
Status : Answered

Q.24 Select the most appropriate antonym of the given word.

SUCCINCT

- Ans
-  1. pithy
  -  2. terse
  -  3. lengthy
  -  4. curt





Question ID : 98958015306

Status : Not Answered

Chosen Option : –

Q.25 Select the correct passive form of the given sentence.

The gardener has mowed the lawn.

- Ans
-  1. The lawn was mowed by the gardener.
  -  2. The lawn has been mowed by the gardener.
  -  3. The lawn is mowed by the gardener.
  -  4. The gardener has been mowed by the lawn.

Question ID : 98958015291

Status : Answered

Chosen Option : 2