

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

Roll No.	WWW.QMATHS.IN
Registration No.	WWW.QMATHS.IN
Name	WWW.QMATHS.IN
Test Venue	iON Digital Zone iDZ 2 Sector 62
Test Time	1:00 PM - 2:00 PM
Test Date	09/07/2019

## Section : General Intelligence

Q.1 Which number will replace the question mark (?) in the following series?

6, 7, 11, 20, ?

Ans ☒ 1. 36

☒ 2. 32

☒ 3. 29

☒ 4. 35

Question ID : 98958016947

Status : Answered

Chosen Option : 1

Q.2 उस वेन आरेख का चयन करें जो निम्नलिखित वर्गों के बीच के संबंध को सबसे अच्छा दर्शाता है।

हृदय, शरीर, घर

Ans

☒ 1.



☒ 2.



☒ 3.



☒ 4.



Question ID : 98958016955

Status : Answered

Chosen Option : 3

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



Ans

✓ 1.



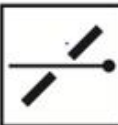
✗ 2.



✗ 3.



✗ 4.



Question ID : 98958016954

Status : Answered

Chosen Option : 1

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. मिमियाहट

✗ 2. भौकना

✓ 3. मेंढक

✗ 4. रंभाना

Question ID : 98958016940

Status : Answered

Chosen Option : 3

Q.5 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 : 56

Ans ✗ 1. 13 : 173

✗ 2. 11 : 121

✗ 3. 6 : 36

✓ 4. 9 : 90

Question ID : 98958016944

Status : Answered

Chosen Option : 4

Q.6 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(16, 64, 8)

Ans ✗ 1. (14, 62, 4)

✗ 2. (10, 80, 8)

✓ 3. (15, 60, 8)

✗ 4. (18, 90, 6)

Question ID : 98958016945

Status : Not Answered

Chosen Option : --

Q.7 How many triangles are present in the following figure?



Ans ✗ 1. 10

✓ 2. 8

✗ 3. 5

✗ 4. 7

Question ID : 98958016951

Status : Answered

Chosen Option : 2

Q.8 Select the Answer Fig. that will come next in the following Problem Fig. series.



Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Question ID : 98958016950

Status : Answered

Chosen Option : 3

Q.9 Which two signs should be interchanged in the following equation to make it correct?

$$15 + 8 - 20 \times 10 \div 5 = 13$$

Ans ✗ 1.  $\times$  and  $-$

✗ 2.  $+$  and  $-$

✓ 3.  $\times$  and  $\div$

✗ 4.  $+$  and  $\div$

Question ID : 98958016943

Status : Answered

Chosen Option : 3

Q.10 'Sunflower' is related to 'Yellow' in the same way as 'Blood' is related to '\_\_\_\_\_'.  
 Ans ☒ 1. Animal☒ 2. Red☒ 3. Iron☒ 4. Human

Question ID : 98958016935

Status : Answered

Chosen Option : 2

Q.11 देव, स्नेहा का भाई है और मयंक का बेटा है। स्वाति स्नेहा की बहन है। मयंक स्वाति से कैसे संबंधित है?

Ans ☒ 1. पिता☒ 2. भाई☒ 3. बेटा☒ 4. बहन

Question ID : 98958016937

Status : Answered

Chosen Option : 1

Q.12 एक कागज को मोड़कर काट दिया गया है जैसा कि निम्नलिखित आकृतियों (X, Y और Z) में दिखाया गया है। उस विकल्प का चयन करें जिसमें दर्शाया गया है कि वापस खोले जाने पर यह कागज कैसा दिखाई देगा?



Ans

☒ 1.☒ 2.☒ 3.☒ 4.

Question ID : 98958016953

Status : Answered

Chosen Option : 3

Q.13 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.

BEH : FJN :: ILO : ?

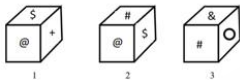
- Ans
- ☒ 1. MOU
  - ☒ 2. MOV
  - ☒ 3. MQV
  - ☒ 4. MQU

Question ID : 98958016934

Status : Answered

Chosen Option : 4

Q.14 एक ही पासे की तीन अलग-अलग स्थितियों को नीचे दर्शाया गया है। '+' संख्या वाले फलक के सामने वाला पैटर्न ज्ञात कीजिए।



- Ans
- ☒ 1. #
  - ☒ 2. ○
  - ☒ 3. \$
  - ☒ 4. &

Question ID : 98958016949

Status : Answered

Chosen Option : 2

Q.15 In a code language, GLUCOSE is written as DJTCPUH. How will SUCROSE be written as in that language?

- Ans
- ☒ 1. PSBRPVH
  - ☒ 2. PSBTPUH
  - ☒ 3. PSBSPUH
  - ☒ 4. PSBRPUH

Question ID : 98958016932

Status : Answered

Chosen Option : 4

Q.16 If BOOK is coded as 24411 and EQUATION is coded as 21751203414, then how will FOOTBALL be coded as?

- Ans
- ☒ 1. 64420211212
  - ☒ 2. 64420212212
  - ☒ 3. 61520211212
  - ☒ 4. 64420221212

Question ID : 98958016933

Status : Answered  
Chosen Option : 4

Q.17 उस विकल्प का चयन करें जिसमें दी गई आकृति - (X) अंतर्निहित है।



X

Ans

✗ 1.



✗ 2.



✗ 3.



✓ 4.



Question ID : 98958016952  
Status : Answered  
Chosen Option : 4

Q.18 एक पिता की उम्र उसके बेटे से दोगुनी है। पाँच साल पहले, पिता की उम्र उस समय बेटे की उम्र से तीन गुना थी। अब बेटे की उम्र कितनी है?

Ans

✗ 1. 20 साल

✗ 2. 12 साल

✗ 3. 15 साल

✓ 4. 10 साल

Question ID : 98958016942  
Status : Answered  
Chosen Option : 4

Q.19 निम्नलिखित चार संख्याओं में से तीन संख्या एक निश्चित तरीके से एक जैसे हैं और एक अलग है। उस अलग संख्या चयन कीजिए।

Ans

✓ 1. 57

✗ 2. 37

✗ 3. 47

✗ 4. 67

Question ID : 98958016948

Status : **Not Answered**  
Chosen Option : --

Q.20 Which letter-pair will replace the question mark (?) in the following series?

BE, DG, FK, HQ, ?

- Ans
- ☒ 1. JX
  - ☒ 2. YJ
  - ☒ 3. JY
  - ☒ 4. JS

Question ID : **98958016936**  
Status : **Answered**  
Chosen Option : **2**

Q.21 निम्नलिखित शब्दों को तार्किक और सार्थक क्रम में व्यवस्थित करें।

1. प्यूपा
2. मृत्यु
3. लार्वा
4. तितली
5. अंडा

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

Question ID : **98958016931**  
Status : **Answered**  
Chosen Option : **1**

Q.22 निम्नलिखित चार अक्षर-समूहों में से तीन अक्षर-समूह एक निश्चित तरीके से एक जैसे हैं और एक अलग है। उस अलग अक्षर-समूह को चुनिए।

- Ans
- ☒ 1. LNOM
  - ☒ 2. CEXV
  - ☒ 3. PRKI
  - ☒ 4. STHI

Question ID : **98958016939**  
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:

All cocks are bears.  
All bears are horses.

Conclusions:

- I. Some bears are cocks.
- II. Some horses are cocks.
- III. All cocks are horses.

- Ans
- ☒ 1. Only conclusions II and III follow.



- ☒ 2. Only conclusions I follow.
- ☒ 3. Only conclusions I and II follow.
- ☒ 4. All the conclusions follow.

Question ID : 98958016941  
Status : Answered  
Chosen Option : 4

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

(5, 8, 89)

- Ans ☒ 1. (7, 10, 149)
- ☒ 2. (2, 5, 19)
- ☒ 3. (6, 9, 60)
- ☒ 4. (3, 4, 7)

Question ID : 98958016946  
Status : Not Answered  
Chosen Option : --

Q.25 उस शब्द-युग्म का चयन करें जिसमें दो शब्द उसी तरह से संबंधित हैं जैसे कि निम्नलिखित शब्द-युग्म में दो शब्द संबंधित हैं।

कछुआ : सरीसृप

- Ans ☒ 1. साँप : जलथल चर
- ☒ 2. मकड़ी : सरीसृप
- ☒ 3. शार्क : स्तनधारी
- ☒ 4. शंबूक : मोलस्क

Question ID : 98958016938  
Status : Answered  
Chosen Option : 1

Section : General Awareness

Q.1 Dogri language is mainly spoken in which of the following states/union territories?

- Ans ☒ 1. Dadra and Nagar Haveli
- ☒ 2. Tripura
- ☒ 3. Jammu and Kashmir
- ☒ 4. Mizoram

Question ID : 98958016604  
Status : Not Answered  
Chosen Option : --

Q.2 Jhijhia dance originated in the Indian state of \_\_\_\_\_.

- Ans ☒ 1. Gujarat
- ☒ 2. Bihar
- ☒ 3. Rajasthan



✗ 4. West Bengal

Question ID : 98958016605

Status : Not Answered

Chosen Option : --

Q.3 पेरिस में 2003 के विश्व एथलेटिक्स चैंपियनशिप में महिलाओं की लंबी कूद (6.70 m) प्रतियोगिता में कांस्य पदक जीतकर \_\_\_\_\_ ने पहली भारतीय पदक विजेता बनकर इतिहास रच दिया।

- Ans
- ✗ 1. दुती चंद
  - ✓ 2. अंजू बॉबी जॉर्ज
  - ✗ 3. के एम बीनामोल
  - ✗ 4. ज्योतिर्मयी सिकंदर

Question ID : 98958016625

Status : Answered

Chosen Option : 3

Q.4 In computing, \_\_\_\_\_ is a network security system that monitors and controls incoming and outgoing network traffic based on predetermined security rules.

- Ans
- ✗ 1. cookie
  - ✗ 2. spam
  - ✓ 3. firewall
  - ✗ 4. spyware

Question ID : 98958016611

Status : Answered

Chosen Option : 2

Q.5 Which of the following Indian rulers was defeated by Mahmud Ghazni in his first attack in the year 1001 AD?

- Ans
- ✗ 1. Chandrapal
  - ✗ 2. Anandpal
  - ✗ 3. Sukhpal
  - ✓ 4. Jaipal

Question ID : 98958016618

Status : Answered

Chosen Option : 2

Q.6 'जैमिंग' शब्द निम्नलिखित में से किस खेल से संबंधित है?

- Ans
- ✓ 1. लॉन टेनिस
  - ✗ 2. क्रिकेट
  - ✗ 3. तैराकी
  - ✗ 4. मुक्केबाज़ी

Question ID : 98958016623

Status : Answered

Chosen Option : 3

Q.7 Who among the following invented the World Wide Web (www) in 1989?

- Ans
- ☒ 1. Steve Wozniak
  - ☒ 2. Charles Babbage
  - ☒ 3. Tim Berners-Lee
  - ☒ 4. Bill Gates

Question ID : 98958016612  
Status : Answered  
Chosen Option : 3

Q.8 Which city in Pakistan is called the 'Gardens of the Mughals or City of Gardens'?

- Ans
- ☒ 1. Lahore
  - ☒ 2. Peshawar
  - ☒ 3. Multan
  - ☒ 4. Karachi

Question ID : 98958016616  
Status : Answered  
Chosen Option : 3

Q.9 Aapka bhala, sabki bhalai' is the tag line of \_\_\_\_\_ bank.

- Ans
- ☒ 1. State Bank of India
  - ☒ 2. Canara Bank
  - ☒ 3. Bandhan Bank
  - ☒ 4. HDFC Bank

Question ID : 98958016606  
Status : Answered  
Chosen Option : 3

Q.10 Japan's second highest national award called 'The Order of the Rising Sun, Gold and Silver Star' was conferred on \_\_\_\_\_ in 2019.

- Ans
- ☒ 1. Rajeshwar Dayal
  - ☒ 2. JS Mehta
  - ☒ 3. Shyam Saran
  - ☒ 4. Kewal Singh

Question ID : 98958016628  
Status : Not Answered  
Chosen Option : --

Q.11 The SI unit of radioactivity is \_\_\_\_\_.

- Ans
- ☒ 1. decibel
  - ☒ 2. ampere
  - ☒ 3. becquerel
  - ☒ 4. cobolt

Question ID : 98958016610  
Status : Answered  
Chosen Option : 3

Q.12 What is the solid crust or the hard top layer of the earth called?

- Ans ☒ 1. Lithosphere  
☐ 2. Hydrosphere  
☐ 3. Biosphere  
☐ 4. Mantle

Question ID : 98958016615  
Status : Answered  
Chosen Option : 1

Q.13 Pandit Budhaditya Mukherjee is associated with which of the following musical instruments?

- Ans ☒ 1. Sitar  
☐ 2. Tabla  
☐ 3. Flute  
☐ 4. Veena

Question ID : 98958016620  
Status : Not Answered  
Chosen Option : --

Q.14 As of June 2019, \_\_\_\_\_ in Madhya Pradesh recorded the highest temperature, at 46.6°C, in the world.

- Ans ☒ 1. Khargone  
☐ 2. Rewa  
☐ 3. Burhanpur  
☐ 4. Satna

Question ID : 98958016614  
Status : Not Answered  
Chosen Option : --

Q.15 किस वर्ष में भारत के प्रशासन को महारानी विक्टोरिया की उद्घोषणा के द्वारा ब्रिटिश सम्राट के हाथों में सौंप दिया गया था?

- Ans ☐ 1. 1842  
☒ 2. 1858  
☐ 3. 1864  
☐ 4. 1887

Question ID : 98958016617  
Status : Answered  
Chosen Option : 2

Q.16 एक पेड़ की छाल के अंदर जीवित कोशिकाओं की पतली परत को \_\_\_\_\_ कहा जाता है।

- Ans ☐ 1. ज़ाइलम  
☐ 2. गूदा  
☐ 3. क्राउन  
☒ 4. कैंबियम

Question ID : 98958016608

Status : Answered

Chosen Option : 2

Q.17 Who among the following is the longest serving President of India?

- Ans
- ☒ 1. Neelam Sanjiva Reddy
  - ☒ 2. Rajendra Prasad
  - ☒ 3. R Venkatraman
  - ☒ 4. Shankar Dayal Sharma

Question ID : 98958016622

Status : Answered

Chosen Option : 2

Q.18 The \_\_\_\_\_ is the longest river in Sri Lanka.

- Ans
- ☒ 1. Maha
  - ☒ 2. Kelani
  - ☒ 3. Mahaweli
  - ☒ 4. Kalu

Question ID : 98958016613

Status : Answered

Chosen Option : 1

Q.19 The first defence minister of independent India was:

- Ans
- ☒ 1. C Rajagopalachari
  - ☒ 2. Shri Jagjivan Ram
  - ☒ 3. Sardar Vallabhbhai Patel
  - ☒ 4. Baldev Singh

Question ID : 98958016621

Status : Answered

Chosen Option : 3

Q.20 \_\_\_\_\_ दो वस्तुओं के उन सभी संयोजनों को दर्शाता है जो एक उपभोक्ता दिए गए बाज़ार मूल्य पर और विशेष आय स्तर के भीतर खरीद सकता है।

- Ans
- ☒ 1. उपयोगिता रेखा
  - ☒ 2. बजट रेखा
  - ☒ 3. आपूर्ति रेखा
  - ☒ 4. मांग रेखा

Question ID : 98958016607

Status : Answered

Chosen Option : 2

Q.21 In 2019, the Indian Space Research Organisation's (ISRO) new commercial arm called NewSpace India Limited (NSIL) was officially inaugurated in the city of \_\_\_\_\_.

- Ans
- ☒ 1. Ranchi
  - ☒ 2. Mumbai

- ☒ 3. Chennai
- ☒ 4. Bengaluru

Question ID : 98958016627  
Status : Not Answered  
Chosen Option : --

Q.22 सोशल हार्मनी' नामक पुस्तक के लेखक कौन हैं?

- Ans ☒ 1. नरेंद्र मोदी
- ☒ 2. लालकृष्ण आडवाणी
- ☒ 3. अटल बिहारी वाजपेयी
- ☒ 4. श्यामाप्रसाद मुखर्जी

Question ID : 98958016619  
Status : Answered  
Chosen Option : 3

Q.23 अप्रैल 2019 तक की स्थिति के अनुसार, आयुष्मान भारत प्रधानमंत्री जन आरोग्य योजना (AB-PMJAY) में धोखाधड़ी को रोकने के लिए गठित IRDA और NHA के संयुक्त कार्य समूह के अध्यक्ष कौन है?

- Ans ☒ 1. इंदु भूषण
- ☒ 2. नीलेश साठे
- ☒ 3. सुभाष सी. खुंटिया
- ☒ 4. दिनेश अरोड़ा

Question ID : 98958016626  
Status : Answered  
Chosen Option : 4

Q.24 इंग्लिश चैनल पार करने वाला पहला भारतीय कौन था?

- Ans ☒ 1. सचिन नाग
- ☒ 2. मिहिर सेन
- ☒ 3. सुफियान शेख
- ☒ 4. विरधवल खडे

Question ID : 98958016624  
Status : Answered  
Chosen Option : 2

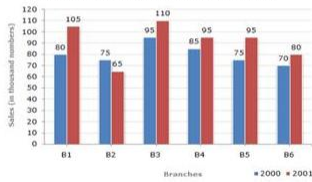
Q.25 Tears in the eyes are produced by which of the following glands?

- Ans ☒ 1. Hypothalamus gland
- ☒ 2. Thyroid gland
- ☒ 3. Pituitary gland
- ☒ 4. Lacrimal gland

Question ID : 98958016609  
Status : Answered  
Chosen Option : 1

**Q.1** दिया गया दंड आरेख (बार ग्राफ) लगातार दो वर्षों 2000 और 2001 के दौरान किसी प्रकाशन कंपनी की छह शाखाओं द्वारा पुस्तकों की बिक्री की संख्या (हजार में) को दर्शाता है।

Sales of Books (in thousand numbers) from Six Branches - B1, B2, B3, B4, B5 and B6 of a publishing Company in 2000 and 2001.



दोनों वर्षों के लिए शाखा B1, B3 और B5 तथा शाखा B2, B4 और B6 द्वारा कुल बिक्री का अनुपात होगा:

- Ans
- ✓ 1. 56 : 47
  - ✗ 2. 47 : 56
  - ✗ 3. 23 : 21
  - ✗ 4. 21 : 23

Question ID : 98958017352

Status : Not Answered

Chosen Option : --

**Q.2** In  $\triangle ABC$ ,  $\angle A = 72^\circ$ . Its sides AB and AC are produced to the points D and E respectively. If the bisectors of the  $\angle CBD$  and  $\angle BCE$  meet at point O, then  $\angle BOC$  is equal to:

- Ans
- ✗ 1.  $106^\circ$
  - ✗ 2.  $32^\circ$
  - ✓ 3.  $54^\circ$
  - ✗ 4.  $16^\circ$

Question ID : 98958017347

Status : Not Answered

Chosen Option : --

**Q.3** If the length of a rectangle is decreased by 11% and the breadth is increased by 11%, its area will undergo:

- Ans
- ✓ 1. 1.21% decrease
  - ✗ 2. 1.21% increase
  - ✗ 3. 13.13% increase
  - ✗ 4. 13.13% decrease

Question ID : 98958017333

Status : Answered

Chosen Option : 1

**Q.4** Let  $\triangle ABC \sim \triangle PQR$  and  $\frac{\text{ar}(\triangle ABC)}{\text{ar}(\triangle PQR)} = \frac{4}{25}$ . If AB = 12 cm, BC = 8 cm and AC = 10 cm, then PQ is equal to:

- Ans
- ✓ 1. 30
  - ✗ 2. 18
  - ✗ 3. 20
  - ✗ 4. 15

Question ID : 98958017348

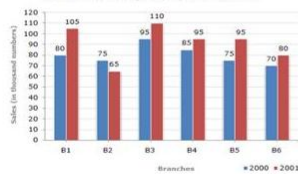
Status : Not Answered



Chosen Option : --

- Q.5** The given Bar Graph presents the sales of the number of books (in thousands) by six branches of a publishing company during two consecutive years 2000 and 2001.

Sales of Books (in thousand numbers) from Six Branches - B1, B2, B3, B4, B5 and B6 of a publishing Company in 2000 and 2001.



The average of total sales (in thousands and Correct to two decimal places) by all branches for both the years is:

- Ans** ☒ 1. 171.67  
☒ 2. 171.27  
☒ 3. 171.37  
☒ 4. 171.57

Question ID : 98958017355

Status : Not Answered

Chosen Option : --

- Q.6** If  $7(\operatorname{cosec}^2 57^\circ - \tan^2 33^\circ) + 2\sin 90^\circ - 4\tan^2 52^\circ \tan^2 38^\circ = \frac{y}{2}$ , then the value of y is:

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

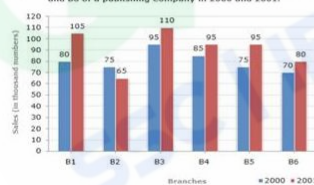
Question ID : 98958017349

Status : Not Answered

Chosen Option : --

- Q.7** The given Bar Graph presents the sales of the number of books (in thousands) by six branches of a publishing company during two consecutive years 2000 and 2001.

Sales of Books (in thousand numbers) from Six Branches - B1, B2, B3, B4, B5 and B6 of a publishing Company in 2000 and 2001.



The total sales (in thousands) by all branches for both the years is:

- Ans** ☒ 1. 1100  
☒ 2. 560  
☒ 3. 470  
☒ 4. 1030

Question ID : 98958017353

Status : Not Answered

Chosen Option : --

- Q.8** If  $a^3 - b^3 = 899$  and  $a - b = 29$ , then  $(a - b)^2 + 3ab$  is equal to:



- Ans
- ☒ 1. 35
  - ☒ 2. 16
  - ☒ 3. 29
  - ☒ 4. 31

Question ID : 98958017344

Status : Answered

Chosen Option : 4

Q.9 A और B के वेतन का योग ₹42000 है। A अपने वेतन का 75% और B अपने वेतन का 90% खर्च करता है। अब उनकी बचत समान है। A का वेतन (₹ में) क्या है?

- Ans
- ☒ 1. 18,000
  - ☒ 2. 30,000
  - ☒ 3. 15,000
  - ☒ 4. 12,000

Question ID : 98958017336

Status : Answered

Chosen Option : 1

Q.10 A dealer buys an article marked at ₹5000 with two successive discounts of 20% and 5%. He spends ₹200 on repairs and sells it for ₹5000, what is his profit/loss percent?

- Ans
- ☒ 1. 20% loss
  - ☒ 2. 25% loss
  - ☒ 3. 25% profit
  - ☒ 4. 20% profit

Question ID : 98958017335

Status : Not Answered

Chosen Option : --

Q.11 If  $\sec \theta = 8x$  and  $\tan \theta = \frac{8}{x}$  ( $x \neq 0$ ), then the value of  $16 \left( x^2 - \frac{1}{x^2} \right)$  is:

- Ans
- ☒ 1.  $\frac{1}{16}$
  - ☒ 2.  $\frac{1}{3}$
  - ☒ 3.  $\frac{1}{2}$
  - ☒ 4.  $\frac{1}{4}$

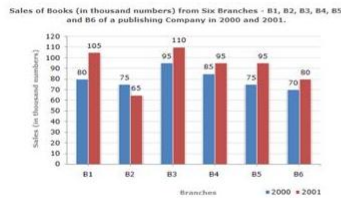
Question ID : 98958017350

Status : Not Answered

Chosen Option : --

Q.12

The given Bar Graph presents the sales of the number of books (in thousands) by six branches of a publishing company during two consecutive years 2000 and 2001.



The ratio of total sales by all branches for the year 2001 to total sales by all branches for the year 2000 is:

- Ans
- ☒ 1. 25 : 23
  - ☒ 2. 48 : 55
  - ☒ 3. 23 : 25
  - ☒ 4. 55 : 48

Question ID : 98958017354

Status : Not Answered

Chosen Option : --

Q.13 If  $x^4 + x^{-4} = 1154$ , ( $x > 0$ ), then the value of  $2(x - 3)^2$  is:

- Ans
- ☒ 1. 16
  - ☒ 2. 12
  - ☒ 3. 15
  - ☒ 4. 20

Question ID : 98958017342

Status : Answered

Chosen Option : 1

Q.14 किसी निश्चित राशि पर 21% से 2 वर्षों के लिए चक्रवृद्धि ब्याज ₹11,602.5 है। इसी दर से और उतने ही समय के लिए इसका साधारण ब्याज (₹ में) है:

- Ans
- ☒ 1. 16,000
  - ☒ 2. 12,500
  - ☒ 3. 10,750
  - ☒ 4. 10,500

Question ID : 98958017339

Status : Answered

Chosen Option : 4

Q.15 A प्रति घंटे ₹100 कमाता है और प्रतिदिन 8 घंटे काम करता है। B प्रति घंटे ₹120 कमाता है और प्रतिदिन 6 घंटे काम करता है। B और A की प्रतिदिन की मजदूरी का अनुपात है:

- Ans
- ☒ 1. 9 : 10
  - ☒ 2. 4 : 5
  - ☒ 3. 5 : 4
  - ☒ 4. 10 : 9

Question ID : 98958017338

Status : **Answered**  
Chosen Option : 3

Q.16 If  $\cos x = \frac{-\sqrt{3}}{2}$  and  $\pi < x < \frac{3\pi}{2}$ , then the value of  $4\cot^2 x - 3\operatorname{cosec}^2 x$  is:

- Ans ☒ 1. 0  
☐ 2. 8  
☐ 3. 1  
☐ 4. 2

Question ID : 98958017351  
Status : **Not Answered**  
Chosen Option : --

Q.17 दो रेलगाड़ियों की गति के बीच का अनुपात 2 : 5 है। यदि पहली रेलगाड़ी 5 h में 250 km चलती है, तो दोनों रेलगाड़ियों की (km/h) गति का योग है:

- Ans ☐ 1. 180  
☐ 2. 150  
☐ 3. 165  
☒ 4. 175

Question ID : 98958017332  
Status : **Answered**  
Chosen Option : 4

Q.18 पंद्रह व्यक्तियों की औसत आयु 32 वर्ष है। यदि दो और व्यक्तियों को जोड़ दिया जाए तो औसत 3 वर्ष बढ़ जाता है। नए व्यक्तियों की आयु में 11 वर्ष का अंतर है। नए व्यक्तियों में से सबसे छोटे की आयु (वर्षों में) है:

- Ans ☒ 1. 52  
☐ 2. 50  
☐ 3. 63  
☐ 4. 58

Question ID : 98958017334  
Status : **Answered**  
Chosen Option : 1

Q.19 If  $x - \frac{1}{x} = 7$ , then  $x^3 - \frac{1}{x^3}$  is equal to

- Ans ☐ 1. 376  
☐ 2. 480  
☒ 3. 364  
☐ 4. 500

Question ID : 98958017343  
Status : **Answered**  
Chosen Option : 3

Q.20

The simplified value of  $\frac{46 + \frac{3}{4} \text{ of } 32 - 6}{11 + \frac{3}{4} \text{ of } (34 - 6)}$  is:

Ans

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

Question ID : 98958017341

Status : Not Answered

Chosen Option : --

**Q.21** A and B can complete a piece of work in 15 days and 20 days respectively. They got a contract to complete the work for ₹77000. The share of A (in ₹) in the contracted money will be:

Ans

- ☒ 1. 42,000  
☒ 2. 44,000  
☒ 3. 40,000  
☒ 4. 45,000

Question ID : 98958017331

Status : Not Answered

Chosen Option : --

**Q.22** The distance between the centres of two circles of radius 6 cm each is 13 cm. The length (in cm) of a transverse common tangent is:

Ans

- ☒ 1. 5  
☒ 2. 10  
☒ 3. 6  
☒ 4. 12

Question ID : 98958017345

Status : Not Answered

Chosen Option : --

**Q.23** If the seven digit number  $64x29y6$  ( $x > y$ ) is divisible by 72, what is the value of  $(2x - y)$ ?

Ans

- ☒ 1. 13  
☒ 2. 3  
☒ 3. 9  
☒ 4. 7

Question ID : 98958017340

Status : Not Answered

Chosen Option : --

**Q.24** ABCD is a cyclic quadrilateral such that AB is a diameter of the circle circumscribing it and angle  $ADC = 146^\circ$ .  $\angle BAC$  is equal to:

Ans

- ☒ 1.  $24^\circ$

☐ 2.  $72^\circ$ ☐ 3.  $18^\circ$ ☒ 4.  $56^\circ$ 

Question ID : 98958017346

Status : Not Answered

Chosen Option : --

**Q.25** A man bought three articles for ₹6,000 each. He sold the articles respectively at 15% profit, 12% profit and 15% loss. The total percentage profit/loss he earned is:

Ans

☐ 1. No profit no loss☒ 2. 4% profit☐ 3. 3% loss☐ 4. 4% loss

Question ID : 98958017337

Status : Not Answered

Chosen Option : --

## 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.

Long before the dawn of modern environmental awareness and the stress on recycling, our forefathers developed the practice of eating off banana leaves. It is a timeless practice (1) \_\_\_\_\_ in every Vedic ritual. The Vedas refer to (2) \_\_\_\_\_ sacred properties of the banana plant, (3) \_\_\_\_\_ uniquely bears fruit without pollination, the fruits containing no (4) \_\_\_\_\_. The plant thus (5) \_\_\_\_\_ fertility and plenty.

**SubQuestion No : 1**

**Q.1** Select the most appropriate option to fill in blank No.1.

Ans

☒ 1. found☐ 2. said☐ 3. read☐ 4. brought

Question ID : 98958016253

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.

Long before the dawn of modern environmental awareness and the stress on recycling, our forefathers developed the practice of eating off banana leaves. It is a timeless practice (1) \_\_\_\_\_ in every Vedic ritual. The Vedas refer to (2) \_\_\_\_\_ sacred properties of the banana plant, (3) \_\_\_\_\_ uniquely bears fruit without pollination, the fruits containing no (4) \_\_\_\_\_. The plant thus (5) \_\_\_\_\_ fertility and plenty.

**SubQuestion No : 2**

**Q.2** Select the most appropriate option to fill in blank No.2.

Ans

☐ 1. one☐ 2. an



 3. a 4. the

Question ID : 98958016254

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.

Long before the dawn of modern environmental awareness and the stress on recycling, our forefathers developed the practice of eating off banana leaves. It is a timeless practice (1) \_\_\_\_\_ in every Vedic ritual. The Vedas refer to (2) \_\_\_\_\_ sacred properties of the banana plant, (3) \_\_\_\_\_ uniquely bears fruit without pollination, the fruits containing no (4) \_\_\_\_\_. The plant thus (5) \_\_\_\_\_ fertility and plenty.

**SubQuestion No : 3****Q.3 Select the most appropriate option to fill in blank No.3.**Ans  1. who 2. which 3. where 4. whom

Question ID : 98958016255



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.

Long before the dawn of modern environmental awareness and the stress on recycling, our forefathers developed the practice of eating off banana leaves. It is a timeless practice (1) \_\_\_\_\_ in every Vedic ritual. The Vedas refer to (2) \_\_\_\_\_ sacred properties of the banana plant, (3) \_\_\_\_\_ uniquely bears fruit without pollination, the fruits containing no (4) \_\_\_\_\_. The plant thus (5) \_\_\_\_\_ fertility and plenty.

**SubQuestion No : 4****Q.4 Select the most appropriate option to fill in blank No.4.**Ans  1. seeds 2. leaves 3. roots 4. branches

Question ID : 98958016256

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.

Long before the dawn of modern environmental awareness and the stress on recycling, our forefathers developed the practice of eating off banana leaves. It is a timeless practice (1) \_\_\_\_\_ in every Vedic ritual. The Vedas refer to (2) \_\_\_\_\_ sacred properties of the banana plant, (3) \_\_\_\_\_ uniquely bears fruit without pollination, the fruits containing no (4) \_\_\_\_\_. The plant thus (5) \_\_\_\_\_ fertility and plenty.

**SubQuestion No : 5**

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

- Ans ☒ 1. symbolises  
☐ 2. refers  
☐ 3. means  
☐ 4. explains

Question ID : 98958016257  
Status : Answered  
Chosen Option : 1

Q.6 Select the most appropriate synonym of the given word.

IDEOLOGY

- Ans ☐ 1. recognition  
☐ 2. mark  
☒ 3. belief  
☐ 4. contract

Question ID : 98958016261  
Status : Not Answered  
Chosen Option : --

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

Government personnel on official trips are \_\_\_\_\_ to claim reimbursement of their expenses.

- Ans ☒ 1. entitled  
☐ 2. invited  
☐ 3. incited  
☐ 4. indicted

Question ID : 98958016271  
Status : Answered  
Chosen Option : 2

Q.8 Select the correct passive form of the given sentence.

They are going to open the shops at eleven o'clock.

- Ans ☒ 1. The shops are going to be opened at eleven o'clock.  
☐ 2. The shops must be opened at eleven o'clock.  
☐ 3. The shops were opened at eleven o'clock.  
☐ 4. The shops have been opened at eleven o'clock.

Question ID : 98958016248  
Status : Answered  
Chosen Option : 1

Q.9 Select the most appropriate antonym of the given word.

PROCEED

- Ans ☐ 1. continue  
☐ 2. forward



✓ 3. recede

✗ 4. ahead

Question ID : 98958016262

Status : Answered

Chosen Option : 3

Q.10 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.

What a relief to sit down after walking in the park from a hour!

Ans ✗ 1. No improvement

✓ 2. for an hour

✗ 3. by an hour

✗ 4. in a hour

Question ID : 98958016251

Status : Answered

Chosen Option : 1

Q.11 Select the correctly spelt word

Ans ✗ 1. expection

✗ 2. ecseption

✗ 3. ecxpection

✓ 4. exception

Question ID : 98958016268

Status : Answered

Chosen Option : 4

Q.12 Identify the segment in the sentence which contains the grammatical error.

When we went to Ramgarh we see the snow-capped mountains in the distance.

Ans ✗ 1. in the distance

✗ 2. the snow-capped mountains

✓ 3. to Ramgarh we see

✗ 4. When we went

Question ID : 98958016247

Status : Answered

Chosen Option : 3

Q.13 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. His affectionate greeting was surprising.

B. Although we were from the same village our relationship was confined to a polite hello whenever our paths crossed.

C. As I stepped into the shack, Dorababu beckoned to me, making a little space for me on the bench on which he was sitting.

D. "Come here, brother," he greeted me.

Ans ✗ 1. CABD

✗ 2. BACD

✓ 3. CDAB

✗ 4. DBCA

Question ID : 98958016259

Status : Answered

Chosen Option : 4

Q.14 Select the most appropriate word for the given group of words

The art of cleaning and preserving animal skins

Ans ✗ 1. taxonomy

✓ 2. taxidermy

✗ 3. etymology

✗ 4. dermatology

Question ID : 98958016267

Status : Not Answered

Chosen Option : --

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

TACIT

Ans ✗ 1. silent

✗ 2. inaudible

✓ 3. explicit

✗ 4. mute

Question ID : 98958016263

Status : Answered

Chosen Option : 3

Q.16 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.

Its always advisable put your car into neutral gear when you stop at a traffic signal.

Ans ✗ 1. No improvement

✗ 2. Its always advisable putting

✓ 3. It's always advisable to put

✗ 4. It is always advisable for putting

Question ID : 98958016250

Status : Answered

Chosen Option : 3

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

hand in glove

Ans ✗ 1. doing work in the garden

✗ 2. working together in the same office

✗ 3. wearing gloves while working

✓ 4. in partnership for something dishonest

Question ID : 98958016264

Status : Answered

Chosen Option : 4

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

dark horse

- Ans
- ☒ 1. someone who has a wheatish complexion
  - ☒ 2. someone who breeds race horses
  - ☒ 3. someone who unexpectedly succeeds
  - ☒ 4. someone who is fond of horse racing

Question ID : 98958016265

Status : Answered

Chosen Option : 3

Q.19 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. The first person who thought of trading must have been a clever person.
- B. He must have found them easy to carry and exchange for goods.
- C. And gradually paying for things in gold and silver became a regular practice.
- D. When gold and silver were first found people started using them for trade.

- Ans
- ☒ 1. DABC
  - ☒ 2. CDAB
  - ☒ 3. DBCA
  - ☒ 4. BDCA

Question ID : 98958016258

Status : Answered

Chosen Option : 1

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

One who makes and sells sweets and pastries

- Ans
- ☒ 1. cobbler
  - ☒ 2. confectioner
  - ☒ 3. barber
  - ☒ 4. grocer

Question ID : 98958016266

Status : Answered

Chosen Option : 4

Q.21

Select the most appropriate word to fill in the blank.

The critics were \_\_\_\_\_ about his remarks on the efficiency of the government and gave many examples to prove they didn't agree with him.

- Ans
- ☒ 1. morose
  - ☒ 2. rational
  - ☒ 3. optimistic
  - ☒ 4. cynical

Question ID : 98958016270

Status : Not Answered

Chosen Option : --

Q.22 Identify the segment in the sentence which contains the grammatical error.

The young girl was helping her father to look after shop.

- Ans
- ☒ 1. The young girl
  - ☒ 2. was helping
  - ☒ 3. to look after shop
  - ☒ 4. her father

Question ID : 98958016246

Status : Answered

Chosen Option : 2

Q.23 Select the wrongly spelt word

- Ans
- ☒ 1. profesional
  - ☒ 2. preferential
  - ☒ 3. proverbial
  - ☒ 4. presidential

Question ID : 98958016269

Status : Answered

Chosen Option : 1

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

Meddle

- Ans
- ☒ 1. repair
  - ☒ 2. manage
  - ☒ 3. elaborate
  - ☒ 4. interfere

Question ID : 98958016260

Status : Not Answered

Chosen Option : --

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

Uma asked me, "How's your brother?"

- Ans
- ☒ 1. Uma asked me how your brother was.
  - ☒ 2. Uma asked me how is my brother.
  - ☒ 3. Uma asked me how my brother was.
  - ☒ 4. Uma asked me how was my brother.

Question ID : 98958016249

Status : Answered

Chosen Option : 3