

Roll No:

Registration No:

Name:

Date: 11-Jan-2019 **Shift-3**

Examination: **Online Examination - SI**

**Section 1 - Online Examination**

**Question No.1**

1.00

**Bookmark**

Which of the following wrote the famous epic 'Rentaarjuni'?

- (A)  **Bharwi - (Alternative 1)**
- (B)  Kalidas - (Alternative 2)
- (C)  Chanakya - (Alternative 4)
- (D)  Ashwaghosh - (Alternative 3)

**Question No.2**

1.00

**Bookmark**

Which game is associated with Somdev Devvarman?

- (A)  Squash - (Alternative 4)
- (B)  **Tennis - (Alternative 3)**
- (C)  Football - (Alternative 2)
- (D)  Hockey - (Alternative 1)

**Question No.3**

1.00

**Bookmark**

Of which of the following are iron and steel factories in the region?

- (A)  Hooghly River Basin - (Alternative 4)
- (B)  **Chota Nagpur Plateau - (Alternative 3)**
- (C)  Malwa Plateau - (Alternative 2)
- (D)  Deccan Plateau - (Alternative 1)

**Question No.4**

1.00

**Bookmark**

Which proteins secrete infected cells to protect other non-infected cells from infected cells?

- (A)  Immune - (Alternative 4)
- (B)  Neutrophils - (Alternative 3)
- (C)  **Interferon - (Alternative 2)**
- (D)  Leucocyte - (Alternative 1)

**Question No.5**

1.00

**Bookmark**

The provision of the election of members of the Rajya Sabha was taken from the constitution of which country?

- (A)  From the Government of India Act, 1935 - (Alternative 4)
- (B)  **South African Constitution - (Alternative 3)**
- (C)  American Constitution - (Alternative 1)
- (D)  Australian Constitution - (Alternative 2)

**Question No.6**

1.00

Bookmark 

Which country hosted the Summer Youth Olympics 2018?

- (A)  China - (Alternative 2)
- (B)  Peru - (Alternative 1)
- (C)  **Argentina - (Alternative 3)**
- (D)  Japan - (Alternative 4)

**Question No.7**

1.00

Bookmark 

What year was started for 'Ganga Action Plan'?

- (A)  1988 - (Alternative 2)
- (B)  1992 - (Alternative 3)
- (C)  1995 - (Alternative 4)
- (D)  **1986 - (Alternative 1)**

**Question No.8**

1.00

Bookmark 

In which year was the name of Madras State changed to Tamil Nadu?

- (A)  1967 - (Alternative 1)
- (B)  1991 - (Optional 3)
- (C)  **1969 - (Alternative 4)**
- (D)  1956 - (Alternative 2)

**Question No.9**

1.00

Bookmark 

Who was the founder of the Khilji dynasty?

- (A)  **Jalaluddin Khilji - (Alternative 4)**
- (B)  Allauddin Khilji - (Alternative 1)
- (C)  Malik Kafur - (Alternative 3)
- (D)  Mubarak Shah Khaliji - (Alternative 2)

**Question No.10**

1.00

Bookmark 

The external layer of pollen is made of Acine \_\_\_\_\_, which is a highly resistant organic matter.

- (A)  Microcolonin - (Alternative 3)
- (B)  Intine - (Alternative 2)
- (C)  **Sporopoleanin - (Alternative 1)**
- (D)  Microscope Tetraed - (Alternative 4)

**Question No.11**

1.00

Bookmark 

Based on the report of which government commission, after the creation of Andhra Pradesh on linguistic basis, the demand for division on this basis has increased in other areas also?

- (A)  **Fazal Ali Commission - (Alternative 3)**
- (B)  Torrent Commission - (Alternative 1)
- (C)  JVP Commission - (Alternative 2)
- (D)  Kaka Blackar Commission - (Alternative 4)

**Question No.12**

1.00

Bookmark 

What was the chipko agitation against?

- (A)  **Deforestation - (Alternative 3)**
- (B)  Industrial Development - (Alternative 4)
- (C)  Mining - (Alternative 1)
- (D)  Build Construction - (Alternative 2)

**Question No.13**

1.00

Bookmark 

Qutbuddin Iqbal was killed while playing the game?

- (A)  **Chaugan - (Alternative 4)**
- (B)  Hunting - (Alternative 3)
- (C)  Elephant Battle - (Alternative 2)
- (D)  Chess - (Alternative 1)

**Question No.14**

1.00

Bookmark 

Which of the following is the deepest and busiest harbor?

- (A)  Paradeep Harbor - (Alternative 3)
- (B)  Chennai Port - (Alternative 2)
- (C)  **Visakhapatnam Harbor - (Alternative 1)**
- (D)  Tuticorin port - (Alternative 4)

**Question No.15**

1.00

Bookmark 

Which Sultan of Delhi is known for taking bold decisions during his rule?

- (A)  **Muhammad bin Tughlaq - (Alternative 1)**
- (B)  Qutubuddin Iqbal - (Alternative 3)
- (C)  Feroz Shah Tughlaq - (Alternative 2)
- (D)  Allauddin Khilji - (Alternative 4)

**Question No.16**

1.00

Bookmark 

Who is determined by GDP in India?

- (A)  **Central Statistical Office - (Alternative 4)**
- (B)  Ministry of Finance - (Alternative 1)
- (C)  Financial Commission - (Alternative 2)
- (D)  Standing Committee - (Alternative 3)

**Question no.17**

1.00

Bookmark 

Which of the following is not a sign that is due to a recession?

- (A)  Decrease in employment rates - (Alternative 3)
- (B)  Industry starts reducing prices - (Alternative 4)
- (C)  **Inflation in inflation - (Alternative 2)**
- (D)  Normal decline in demand - (Optional 1)

**Question No.18**

1.00

Bookmark 

What is the meaning of 'gopuram' in temple architecture?

- (A)  Dance Pavilion - (Alternative 4)
- (B)  Multi-Purpose Hall - (Alternative 1)
- (C)  Temple of God - (Alternative 2)
- (D)  **Door - (optional 3)**

**Question No.19**

1.00

Bookmark 

Which court has the power to issue order for common law rights?

- (A)  Subordinate Courts - (Optional 3)
- (B)  Supreme Court - (Alternative 1)
- (C)  **High Court - (Alternative 2)**
- (D)  None of these - (Alternative 4)

**Question No.20**

1.00

Bookmark 

Which of the following deserts are located in South America?

- (A)  Kalahari Desert - (Alternative 4)
- (B)  **Pentagon Desert - (Alternative 1)**
- (C)  Thar Desert - (Alternative 3)
- (D)  Sonoran Desert - (Alternative 2)

**Question no.21**

1.00

Bookmark 

Which measurement method is used for measuring long distances?

- (A)  **Parallellism - (Alternative 4)**
- (B)  Contact Method - (Optional 3)
- (C)  Basic method - (Alternative 2)
- (D)  Derivative Method - (Optional 1)

**Question no.22**

1.00

Bookmark 

In 2002, by which constitution amendment education was included in the original rights?

- (A)  **86th Constitution Amendment - (Alternative 4)**
- (B)  69th Constitution Amendment - (Alternative 3)
- (C)  84th Constitution Amendment - (Alternative 2)
- (D)  42nd Constitution Amendment - (Alternative 1)

**Question no.23**

1.00

Bookmark 

Who is the last lender of the following?

- (A)  Prime Minister of India - (Alternative 4)
- (B)  **Reserve Bank of India - (Alternative 1)**
- (C)  President of India - (Alternative 3)
- (D)  Parliament - (Alternative 2)

**Question no.24**

1.00

**Bookmark** 

Vijayalaya, the founder of the Chola dynasty, was the first feudal-

- (A)  Of the Novels - (Optional 3)
- (B)  Of Pandya - (Alternative 4)
- (C)  **Of Pallavas - (Alternative 2)**
- (D)  Of Rashtrakutas - (Alternative 1)

**Question No.25**

1.00

**Bookmark** 

What method of soil conservation does it contribute to the construction of sand dunes and stabilization of deserts?

- (A)  **Shady Agriculture - (Alternative 4)**
- (B)  Terracotta Agriculture - (Alternative 1)
- (C)  Contour Farming - (Alternative 3)
- (D)  Micro Agriculture - (Alternative 2)

**Question no.26**

1.00

**Bookmark** 

Who was the first Governor General of independent India?

- (A)  Lord Linlithgow - (Alternative 3)
- (B)  **Lord Mountbatten - (Alternative 1)**
- (C)  Lord Wavell - (Alternative 2)
- (D)  Lord Mayo - (Alternative 4)

**Question no.27**

1.00

**Bookmark** 

On January 1, 2015, which of the following government bodies was renamed as National Commission?

- (A)  **Planning Commission - (Alternative 2)**
- (B)  Prime Minister's Office - (Alternative 1)
- (C)  National Development Council - (Alternative 3)
- (D)  Finance Commission - (Alternative 4)

**Question no.28**

1.00

**Bookmark** 

In any given two medium, the incident angle of one medium will be called 90 degrees of the refracted angle of another medium-

- (A)  **Critical angle - (Alternative 2)**
- (B)  Angle of incidence - (Alternative 4)
- (C)  Mirror Angle - (Optional 3)
- (D)  Common Angles - (Optional 1)

**Question no.29**

1.00

**Bookmark** 

Which of the following options is not related to the general category?

- (A)  Segregated - (Optional 3)
- (B)  Narcotics - (Alternative 1)
- (C)  Cannabis - (Alternative 2)
- (D)  **Skeet - (Alternative 4)**

**Question No.30**

1.00

Bookmark 

Which of these countries is in the Murray-Darling River Basin?

- (A)  New Zealand - (Alternative 1)
- (B)  Kenya - (Alternative 3)
- (C)  **Australia - (Alternative 4)**
- (D)  Madagascar - (Alternative 2)

**Question No.31**

1.00

Bookmark 

To manufacture conjugated decontaneous benzacunes, phenol is oxidized with which acid?

- (A)  Carboxylic acid - (Alternative 2)
- (B)  **Chromatic Acids - (Alternative 3)**
- (C)  Benzoic Acid - (Alternative 1)
- (D)  Sulfuric Acid - (Alternative 4)

**Question No.32**

1.00

Bookmark 

Which of the following is the largest port of Europe?

- (A)  Port of London - (Alternative 2)
- (B)  Port of Venice - (Alternative 3)
- (C)  Port of Lisbon - (Alternative 4)
- (D)  **Port of Rotterdam - (Alternative 1)**

**Question No.33**

1.00

Bookmark 

Which of the following is famous for 'Mithila painting'?

- (A)  Rajasthan - (Alternative 3)
- (B)  Maharashtra - (Alternative 1)
- (C)  **Bihar - (Alternative 2)**
- (D)  Gujarat - (Alternative 4)

**Question No.34**

1.00

Bookmark 

Who was called Dewan-i-Arz in Medieval India?

- (A)  Detective Department - (Optional 3)
- (B)  **Military Department - (Alternative 1)**
- (C)  Finance Department - (Alternative 2)
- (D)  Social Work Department - (Optional 4)

**Question No.35**

1.00

Bookmark 

Which institution is known as 'Mecca of Indian Games'?

- (A)  High Altitude Training Center, Chilaru - (Alternative 2)
- (B)  **Netaji Subhash National Institute of Sports, Patiala - (Alternative 4)**
- (C)  Indian Olympic Association - (Alternative 1)
- (D)  Laxmibai National College of Physical Education, Thiruvananthapuram - (Alternative 3)

**Question No.36**

1.00

**Bookmark** 

The word 'bulk line' is related to which game?

- (A)  Chess - (Alternative 4)
- (B)  Diving - (Alternative 2)
- (C)  **Kabaddi - (Alternative 1)**
- (D)  Car Racing - (Alternative 3)

**Question No.37**

1.00

**Bookmark** 

"HVJ Gas Pipeline" passes through which of the following states?

- (A)  Maharashtra - (Alternative 2)
- (B)  Odisha - (Alternative 4)
- (C)  **Madhya Pradesh - (Alternative 3)**
- (D)  Chhattisgarh - (Alternative 1)

**Question No.38**

1.00

**Bookmark** 

When was "Male basketball" first included in the Olympics?

- (A)  1972 - (Alternative 2)
- (B)  1992 - (Alternative 4)
- (C)  1984 - (Alternative 3)
- (D)  **1936 - (Alternative 1)**

**Question No.39**

1.00

**Bookmark** 

Which year did the Sepoy Rebellion?

- (A)  1757 - (Alternative 4)
- (B)  1859 - (Alternative 2)
- (C)  **1857 - (Optional 1)**
- (D)  1858 - (Alternative 3)

**Question No.40**

1.00

**Bookmark** 

What amendment act was made by decreasing the age of franchise from 21 years to 18 years?

- (A)  69th Constitution Amendment - (Alternative 1)
- (B)  89th Constitutional Amendment - (Alternative 4)
- (C)  72st Constitution Amendment - (Alternative 3)
- (D)  **61st Constitutional Amendment - (Alternative 2)**

**Question No.41**

1.00

**Bookmark** 

Under which article, the minorities have the right to open educational institutions and to handle their administration?

- (A)  Article 26 - (Alternative 2)
- (B)  Article 25 - (Optional 3)
- (C)  **Article 30 - (Optional 4)**
- (D)  Article 29 - (Optional 1)

**Question No.42**

1.00

Bookmark 

The official housing price index (HPI) of India is determined by whom?

- (A)  LIC Housing Finance Ltd - (Alternative 2)
- (B)  **National Housing Bank - (Alternative 3)**
- (C)  Reserve Bank of India - (Alternative 1)
- (D)  Labor Bureau - (Alternative 4)

**Question No.43**

1.00

Bookmark 

With whose help Chandragupta Maurya succeeded in defeating Nand?

- (A)  Stepping - (Optional 2)
- (B)  Panini - (Alternative 1)
- (C)  Bindusara - (Alternative 3)
- (D)  **Chanakya - (Alternative 4)**

**Question no.44**

1.00

Bookmark 

Which diode is widely used in the form of a stabilizer?

- (A)  Light Driver Diode - (Alternative 3)
- (B)  Tunnel diode - (Alternative 2)
- (C)  Solar Diode - (Alternative 4)
- (D)  **Zener diode - (Alternative 1)**

**Question No.45**

1.00

Bookmark 

What else is known as the grasslands of Venezuela?

- (A)  **Loans - (Alternative 2)**
- (B)  Sahara - (Alternative 4)
- (C)  Sahel - (Alternative 3)
- (D)  Compass - (Optional 1)

**Question No.46**

1.00

Bookmark 

Neelambar teak was recently given geographical observation (GI), which tree is found in the following states?

- (A)  **Kerala - (Alternative 2)**
- (B)  Andhra Pradesh - (Alternative 4)
- (C)  Telangana - (Alternative 3)
- (D)  Tamil Nadu - (Alternative 1)

**Question no.47**

1.00

Bookmark 

Which of these is a new feature of Indian Constitution?

- (A)  Original Rights - (Alternative 1)
- (B)  **State Policy Director's Principle - (Optional 3)**
- (C)  Emergency Provisioning - (Alternative 4)
- (D)



(D) Original Duty - (Alternative 2)

**Question no.48**

1.00

Bookmark

Which of the following circuit is used for measuring irregular resistance?

- (A)  Bridge Rectifier - (Alternative 2)
- (B)  Zener diode - (Alternative 3)
- (C)  **Wheatstone Bridge - (Alternative 1)**
- (D)  Transistor - (Alternative 4)

**Question No.49**

1.00

Bookmark

Which of the following limbs protects the blood plasma from excessive acid or alkaline by controlling ions?

- (A)  Abdomen - (Alternative 1)
- (B)  **Renal (Kidney) - (Alternative 4)**
- (C)  Gall bladder - (Alternative 3)
- (D)  Intestines - (Alternative 2)

**Question No.50**

1.00

Bookmark

Which of the following elements contains both metallic and non-metaphorical properties?

- (A)  Colloid - (Alternative 1)
- (B)  **Metalloid - (Alternative 2)**
- (C)  Glaucon - (Alternative 3)
- (D)  Xion - (Optional 4)

**Question No.51**

1.00

Bookmark

In this question, three statements and related three conclusions have been given. You should consider the things given in the statements as true and to decide which conclusions regarding logic that logically comply beyond a reasonable doubt?

Statement: All chairs are bunk, some are bunks of cotton, all are cotton lights.

Conclusion:

- i. Some bunk lights are light.
- ii. Some sockets are cotton.
- iii. Some chairs are light.

- (A)  Only i and ii are rational - (alternative 2)
- (B)  All are rational - (Alternative 1)
- (C)  Only ii and iii are logical - (optional 3)
- (D)  **Only i is rational - (Alternative 4)**

**Question No.52**

1.00

Bookmark

If the mirror is placed on the shaded line then the correct mirror image of the given picture will be-

KENNEL



(A)

KENNEL - (Optional 1)

(B)

KENNEL - (Optional 2)

(C)

KENNEL - (Optional 3)

(D)

KENNEL - (Optional 4)

**Question No.53**

1.00

Bookmark

In a fixed code language, GENIUS is coded as TVMRFH. How will SMART be coded in that same language?

- (A)  RNBSV - (Alternative 2)  
(B)  RNBSU - (Optional 4)  
(C)  HNIZG - (Optional 1)  
(D)  **HNZIG - (Optional 3)**

**Question No.54**

1.00

Bookmark

In this question the relation between the different characters has been given in the statement. Two conclusions related to the statement have been given.

Statement:  $B \geq L = K < T = J$

Conclusion:

- i)  $B > T$   
ii)  $L = J$

Select the appropriate from the following options.

- A. The only conclusion i is logical  
B. only the conclusions ii is logical  
C. Either the conclusions i or ii is rational  
D. Neither conclusion ii nor rational is  
E. i and ii both conclusions are rational.  
(A)  B - (Alternative 2)  
(B)  **D - (Alternative 4)**  
(C)  A - (Alternative 1)  
(D)  C - (Alternative 3)

**Question no.55**

1.00

Bookmark

On the basis of the logic used in the first pair, select from the substitute alternate question mark in the second pair.

Z: P :: M: ??

- (A)  A - (Alternative 1)
- (B)  B - (Alternative 2)
- (C)  D - (Alternative 4)
- (D)  **C - (Alternative 3)**

**Question no.56**

1.00

Bookmark

Find the next number in the following series:

12, 17, 34, 39, 78,?

- (A)  86 - (Alternative 4)
- (B)  **83 - (Optional 1)**
- (C)  85 - (Optional 3)
- (D)  84 - (Alternative 2)

**Question no.57**

1.00

Bookmark

In a fixed code language VIVID is coded as KXUFK. How would GLOOM be coded in that same language?

- (A)  NJOOK - (Optional 1)
- (B)  NIOOQ - (Alternative 3)
- (C)  **NINOQ - (Alternative 4)**
- (D)  NIPPQ - (Alternative 2)





**Question no.58**

1.00

Bookmark

Select the water image of the given shape from the options.

**SELECT**

- (A)   - (Optional 1)
- (B)   - (Optional 3)
- (C)   - (Optional 4)
- (D)   - (Optional 2)

**Question No.59**

1.00

Bookmark

Four of the following given below are similar in some way and hence they form a group among themselves. Which of these is not related to this group?

F, I, B, H, D

- (A)  D - (Alternative 3)
- (B)  H - (Alternative 1)
- (C)  B - (Alternative 4)
- (D)  I - (Optional 2)

**Question No.60**

1.00

Bookmark

Four of the following given below are similar in some way and so they form a group among themselves. Which of these is not related to this group?

PNL, LJH, QOM, YVS, ZXV

- (A)  PNL - (Alternative 2)
- (B)  YVS - (Alternative 3)
- (C)  ZXV - (Optional 1)
- (D)  LJH - (Alternative 4)

**Question No.61**

1.00

Bookmark

Read the given information carefully and answer the questions related to it.

7 boxes are kept on a table. Each box has different fruits. Fruit names are apples, oranges, tomatoes, cherries, bananas, guava, and mangoes. The boxes have been placed in the order of 1, 2, 3 ... respectively from below.

- i) Apples are in the same number of boxes.
- ii) cherries are not in the top boxes.
- iii) Tomatoes are kept in the middle box.
- iv) Bananas are in any of the boxes above tomatoes.
- v) Guava is in the same number of boxes under the box containing apples.
- vi) Tomatoes, bananas or cherries are not in the box next to the box.
- vii) The mangoes are not in boxes of 5 numbers.

What is odd as per the above sequence?

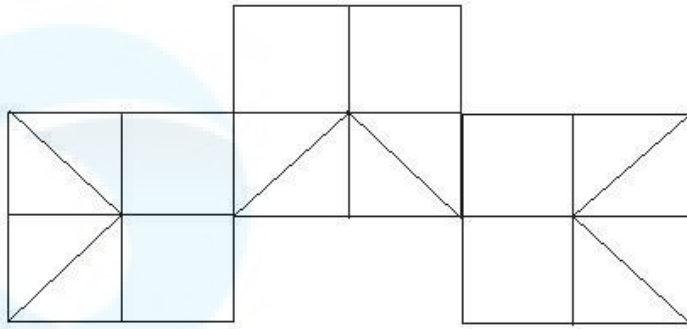
- (A)  Apple - (Alternative 2)
- (B)  Orange - (Alternative 1)
- (C)  Common - (Optional 4)
- (D)  Cherry - (Alternative 3)

**Question No.62**

1.00

Bookmark

How many classes are there in the given picture?



- (A)  16 - (Optional 4)  
 (B)  12 - (Optional 3)  
 (C)  15 - (Optional 1)  
 (D)  13 - (Optional 2)

**Question No.63**

1.00

Bookmark

In this question, there are three statements showing the relationship between the letters. Three findings related to them are given i, ii, and iii. Assuming the statements as truth, decide which conclusions are completely true in relation to the statements.

Statement:  $B = S \geq T < H = A$ ;  $C > Q = U < T < D$ ;  $F > E > D = K$

Conclusion:

i)  $C > D$

ii)  $T < F$

iii)  $B = A$

- (A)  Only iii - (Alternative 4)  
 (B)  ii only - (Alternative 2)  
 (C)  All - (Optional 1)  
 (D)  Only ii and iii - (optional 3)

**Question No.64**

1.00

Bookmark

Read the following statements and answer the question on their basis.

$A + B$  means A is the husband of A,

$AB$  is the wife of A, B is

$A * B$ , meaning A is the mother of

B,  $A / B$  means that A is the father of B

based on the above information According to the equation  $W + X * Y / Z$ , what is the relation of Z to Z's mother?

- (A)  Father in law - (Alternative 4)  
 (B)  Father - (Optional 1)  
 (C)  SaaS - (Alternative 2)  
 (D)  Uncle - (Alternative 3)

**Question No.65**

1.00

Bookmark

A boy pointing to a man said, "He is the father of my father's father's son's wife." How is that person related to the boy's father?

- (A)  Uncle - (Alternative 1)

- (B)  Nephew - (Alternative 3)
- (C)  Sonnet - (Alternative 4)
- (D)  Son - (Alternative 2)

**Question No.66**

1.00

Bookmark

Find the next number in the following series:  
40, 42, 45, 50, 57, ?

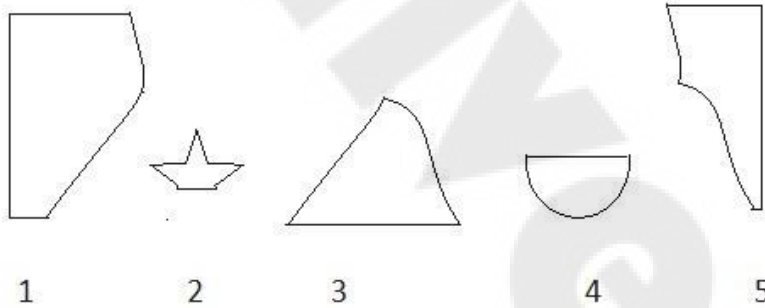
- (A)  48 - (Optional 1)
- (B)  58 - (Alternative 2)
- (C)  70 - (Alternative 4)
- (D)  **68 - (Optional 3)**

**Question No.67**

1.00

Bookmark

From the following options, select the correct option that creates a perfect square (three of the five images below).



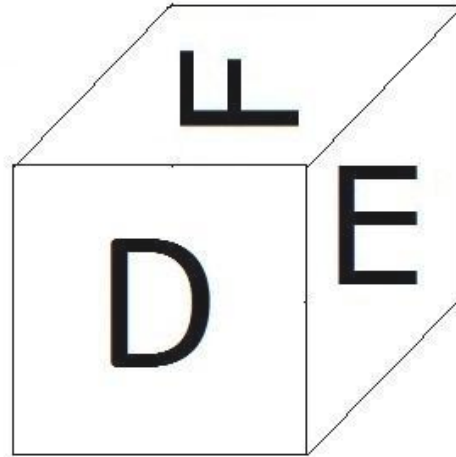
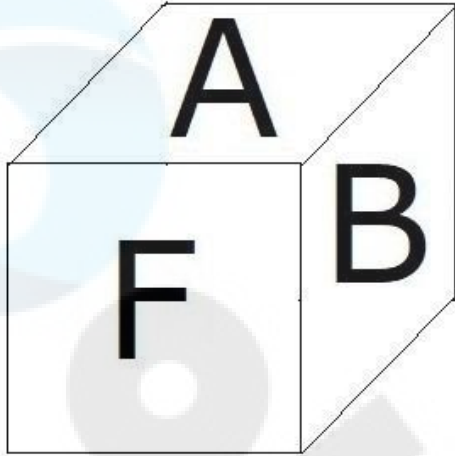
- (A)  2,3,4 - (Optional 1)
- (B)  **1,3,5 - (Optional 4)**
- (C)  1,4,5 - (Alternative 2)
- (D)  1,3,4 - (Optional 3)

**Question No.68**

1.00

Bookmark

According to the diagram, there are six letters A, B, C, D, E, and F on the surfaces of one dice shown.  
Which letter is marked on the surface opposite the D surface?



- (A)  A - (Alternative 3)  
(B)  B - (Alternative 1)  
(C)  C - (Alternative 2)  
(D)  E - (Alternative 4)

**Question No.69**

1.00

Bookmark

Read the given information carefully and answer the questions related to it.

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- ii) cherries are not in the top boxes.
- iii) Tomatoes are kept in the middle box.
- iv) Bananas are in any of the boxes above tomatoes.
- v) Guava is in the same number of boxes under the box containing apples.
- vi) Tomatoes, bananas or cherries are not in the box next to the box.
- vii) The mangoes are not in boxes of 5 numbers.

What are the fruits in box 5 numbers?

- (A)  Tomato - (Alternative 4)  
(B)  Oranges - (optional 3)  
(C)  Cherry - (Alternative 1)  
(D)  Banana - (Alternative 2)

**Question No.70**

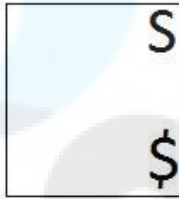
1.00

Bookmark

Select the appropriate picture to come forth from the given series with the options?

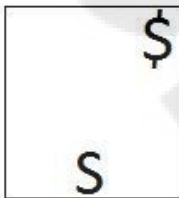
|    |    |     |    |    |
|----|----|-----|----|----|
| S  | S  | S   | \$ | \$ |
| \$ | \$ | \$S |    | S  |

(A)



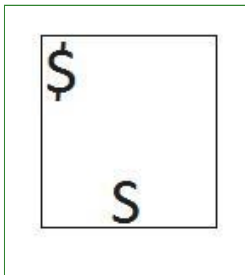
- (Optional 3)

(B)



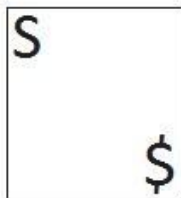
- (Optional 4)

(C)



- (Optional 2)

(D)



- (Optional 1)

**Question No.71**

1.00

Bookmark

Read the given information carefully and answer the questions related to it.

7 boxes are kept on a table. Each box has different fruits. Fruit names are apples, oranges, tomatoes, cherries, bananas, guava, and mangoes. The boxes have been placed in the order of 1, 2, 3 ... respectively from below.

- i) Apples are in the same number of boxes.
- ii) cherries are not in the top boxes.
- iii) Tomatoes are kept in the middle box.
- iv) Bananas are in any of the boxes above tomatoes.
- v) Guava is in the same number of boxes under the box containing apples.
- vi) Tomatoes, bananas or cherries are not in the box next to the box.
- vii) The mangoes are not in boxes of 5 numbers.



Which of the following statements is incorrect on the basis of the above order?

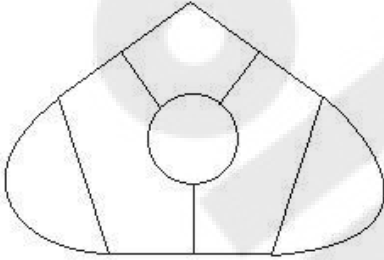
- (A)  Cherries are in the same number of boxes - (Optional 3)
- (B)  There are only two boxes below the common ones box - (Optional 4)
- (C)  Are not in common top boxes - (Alternative 2)
- (D)  Boxes between tomatoes, oranges and mangoes - (Alternative 1)

**Question No.72**

1.00

Bookmark

What is the number of straight lines in the given picture?



- (A)  8 - (Optional 3)
- (B)  14 - (Optional 4)
- (C)  9 - (Optional 2)
- (D)  12 - (Optional 1)

**Question No.73**

1.00

Bookmark

Two statements in this question and two related findings have been given in the form of i and ii. You should consider the things given in the statements as true and to determine which conclusions regarding the statements are logical compliance beyond a reasonable doubt Does it?

Statement: All Can Sticks. All the sticks are blue.

Conclusion:

- i). Some rods are cans.
- ii). There are all blue sticks.

Select the one most suitable in the following options:

- A. The only conclusion i is logical is
- B. The only conclusion ii is logical is
- C. either the conclusions i or ii is rational
- D. Neither conclusion ii nor rational is
- E. i and ii both conclusions are rational.

- (A)  C - (Alternative 3)
- (B)  D - (Alternative 4)
- (C)  B - (Alternative 2)
- (D)  A - (Alternative 1)

**Question No.74**

1.00

Bookmark

On the basis of the logic used in the first pair, select from the substitute alternate question mark in the second pair.

2403: 18 :: 2510: ??

- (A)  12 - (Optional 1)
- (B)  16 - (Optional 2)
- (C)  20 - (Optional 3)
- (D)  24 - (Optional 4)

**Question No.75**

1.00

Bookmark

Find the next number in the following series:

31, 32, 36, 45, 61, ?

- (A)  85 - (Optional 3)
- (B)  87 - (Alternative 2)
- (C)  90 - (Optional 1)
- (D)  86 - (Alternative 4)

**Question No.76**

1.00

Bookmark

In this question, a statement and related two conclusions have been given in the form of i and ii. Assuming the statements given in the statements as true, it is to determine which conclusions are relevant in relation to the statements?

Statement: Every Friday has rainfall, it is Friday.

Conclusion:

- i). It will be rain today.
- ii). Tomorrow will stop the rain.

Select the one most appropriate in the following options:

- A. The only conclusion i is rational is
- B. The only conclusion ii is logical
- C. The conclusions i or ii is logical
- D. Neither the conclusion ii nor the rational is
- E. i and ii both conclusions are rational.

- (A)  E - (Alternative 4)
- (B)  C - (Alternative 3)
- (C)  A - (Alternative 1)
- (D)  B - (Alternative 2)

**Question No.77**

1.00

Bookmark

Find the next number in the following series:

13, 27, 56, 115, 234, ?

- (A)  476 - (Optional 3)
- (B)  479 - (Optional 4)
- (C)  470 - (Optional 1)
- (D)  473 - (Alternative 2)

**Question No.78**

1.00

Bookmark

On the basis of the logic used in the first pair, select from the substitute alternate question mark in the second pair.

Type: Keyboard :: Call: ??

- (A)  Guitar - (Alternative 3)
- (B)  Flute - (Alternative 2)
- (C)  Piano - (Alternative 1)

(D)  Telephone - (Alternative 4)

**Question No.79**

1.00

Bookmark

On the basis of the logic used in the first pair, select from the substitute alternate question mark in the second pair.

Contract: Agreement :: Oath: ??

- (A)  Study - (Alternative 3)  
(B)  Promise - (Alternative 1)  
(C)  Speech - (Alternative 2)  
(D)  Write - (Optional 4)

**Question No. 80**

1.00

Bookmark

If A is the cousin of B, whose father is A's mother's brother. What is the relation between father of A to father of A?

- (A)  Father - (Optional 2)  
(B)  Uncle - (Alternative 3)  
(C)  Brother in Law - (Alternative 1)  
(D)  Brother - (Alternative 4)

**Question No.81**

1.00

Bookmark

Four of the following given below are similar in some way and so they form a group among themselves.

Which of these is not related to this group?

Expert, Genius, Brainy, Skilful, Insane

- (A)  Skilful - (Optional 2)  
(B)  Genius - (Alternative 1)  
(C)  Brainy - (Optional 3)  
(D)  Insane - (Alternative 4)

**Question No.82**

1.00

Bookmark

A question has been given in this question and a statement related to it. Read the passage carefully and review the statement based on it.

Knowing this, you might want to visit Luxembourg on your next family holiday: European Union to reduce the traffic congestion and pollution in your country, to free the fares in trains, trams and buses in the small countries of the European Union. Is constantly demanding. The newly elected liberal Prime Minister of the Coalition Government Xavier Batel said "Traveling in public vehicles will be free from the start of 2020 in the Dutch Grandmother of Luxembourg."

In this connection, Luxembourg's main transport union, F. N.C.T.F.E.L. While expressing their concern, the head of the Band-Sever Band, Georges Merange said that if no one is required to sell tickets, this government's plan will increase unemployment. "Unless it is approved, we can not accept it." However, he also said that he is also worried that this will not benefit people in rural areas free of travel.

Statement: Luxembourg Transport Union is happy with the decisions taken by the Union Government.

Select the most suitable option below.

A-statement is absolutely true.

B-Query is probably true.

C-statement can not be reviewed.

D-statement is completely false.

- (A)  A - (Alternative 1)
- (B)  B - (Alternative 2)
- (C)  C - (Alternative 3)
- (D)  **D - (Alternative 4)**

**Question no.83**

1.00

**Bookmark**

A question has been given in this question and a statement related to it. Read the passage carefully and review the statement based on it.

Knowing this, you might want to visit Luxembourg on your next family holiday: European Union to reduce the traffic congestion and pollution in your country, to free the fares in trains, trams and buses in the small countries of the European Union. Is constantly demanding. The newly elected liberal Prime Minister of the Coalition Government Xavier Batel said "Traveling in public vehicles will be free from the start of 2020 in the Dutch Grandmother of Luxembourg."

In this connection, Luxembourg's main transport union, F. N.C.T.F.E.L. While expressing their concern, the head of the Band-Sever Band, Georges Merange said that if no one is required to sell tickets, this government's plan will increase unemployment. "Unless it is approved, we can not accept it." However, he also said that he is also worried that this will not benefit people in rural areas free of travel.

Statement: The European Union wants to free travel in trains to promote public vehicles among its people.

Select the most suitable option below.

A-statement is absolutely true.

B-Query is probably true.

C-statement can not be reviewed.

D-statement is completely false.

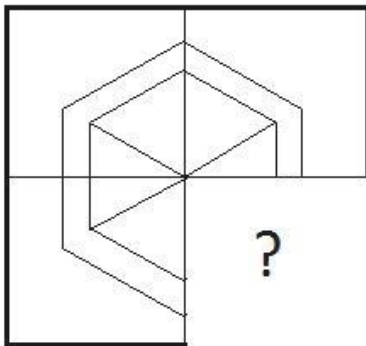
- (A)  C - (Alternative 3)
- (B)  **A - (Alternative 1)**
- (C)  D - (Alternative 4)
- (D)  B - (Alternative 2)

**Question no.84**

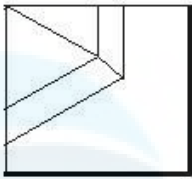
1.00

**Bookmark**

Select from the selection of the correct shape, which is given the following picture:

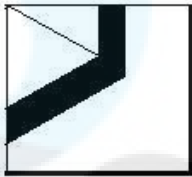


- (A)



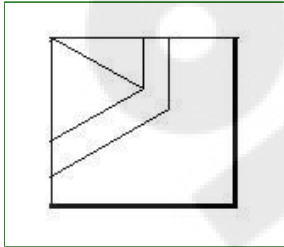
- (Optional 4)

(B)



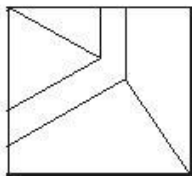
- (Optional 1)

(C)



- (Optional 3)

(D)



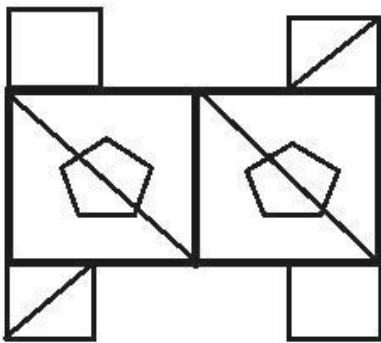
- (Optional 2)

**Question no.85**

1.00

Bookmark

How many right angled triangles can be made from the given picture?



(A)  6 - (Optional 2)

(B)  5 - (Optional 3)

(C)  8 - (Optional 1)

(D)  4 - (Optional 4)

**Question no.86**

1.00

Bookmark

If the radius of the circle 16 times, how much of its circumference will be increased by the perimeter of

the circle of the previous?

- (A)  18 - (Optional 4)
- (B)  16 - (Optional 2)
- (C)  17 - (Optional 3)
- (D)  15 - (Optional 1)

**Question No.87**

1.00

Bookmark

On a compound interest, a sum is tripled to the original amount in 4 years. In how many years it will be 81 times its original amount?

- (A)  16 - (Optional 2)
- (B)  14 - (Optional 1)
- (C)  18 - (Optional 3)
- (D)  20 - (Optional 4)

**Question no.88**

1.00

Bookmark

The ratio of salaries to Hamid, Clement and Ganesh is 3: 5: 7. If Ganesh gets Rs 868 from Hamid, then how much is Clement's salary (in Rs.)?

- (A)  1,085 - (Optional 4)
- (B)  1,083 - (Optional 1)
- (C)  1,086 - (Optional 3)
- (D)  1,084 - (Alternative 2)

**Question No.89**

1.00

Bookmark

Simplify:

$$225^2 \times 60 \div 15^5 \times 1021 = ?$$

- (A)  4054 - (Optional 3)
- (B)  4064 - (Optional 1)
- (C)  4084 - (Optional 4)
- (D)  4074 - (Alternative 2)

**Question No.90**

1.00

Bookmark

There are 623 men and 623 female workers in English company based on a subsidiary project. The average productivity of all employees is 72 calls / day. If a male worker receives 72 calls / day, how much will the number of calls received by women employees per day?

- (A)  71 - (Optional 1)
- (B)  72 - (Alternative 2)
- (C)  73 - (Optional 3)
- (D)  74 - (Optional 4)

**Question No.91**

1.00

Bookmark 

A bulb maker company found that 13% of its total product was poor. If the number of correct products is 4698, then find the number of bad products?

- (A)  702 - (Optional 3)  
(B)  703 - (Alternative 4)  
(C)  700 - (Optional 1)  
(D)  701 - (Optional 2)

**Question No.92**

1.00

Bookmark 

If you sell any item for 423 rupees, you get 60% loss on the same profit after selling the same item for Rs. 743. Find the purchase price of that item? (In Rs.)

- (A)  523 - (Optional 3)  
(B)  533 - (Alternative 2)  
(C)  513 - (Alternative 4)  
(D)  543 - (Optional 1)

**Question No.93**

1.00

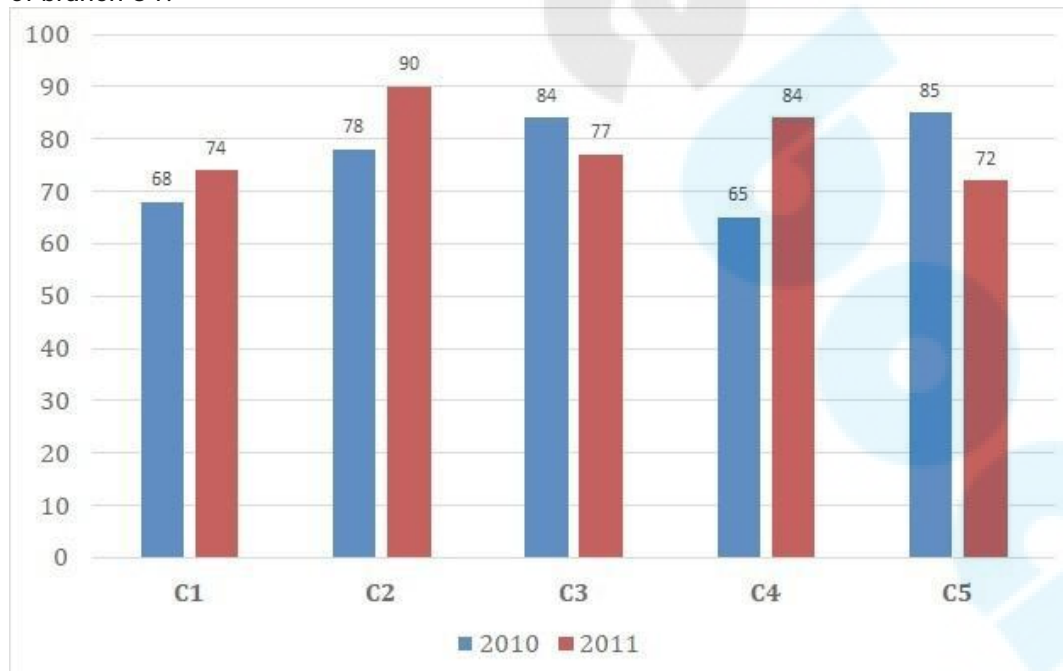
Bookmark 

Instructions:

Study the graphs the following times and answer the question based on it?

Two publishing years of five branches of a publishing company have been sold in books in 2010 and 2011 (in thousand).

Find out the ratio of the total sales made in both years of branch C2 and the total sales in the two years of branch C4?



- (A)  168: 149 - (Optional 4)  
(B)  168: 143 - (Optional 2)  
(C)  166: 141 - (Optional 1)  
(D)  166: 145 - (Optional 3)

**Question No.94**

1.00

Bookmark

A person travels at the speed of 12 kmph, 14 kmph and 6 kmph on the surface of an equatorial triangular plane. Find his average speed? (in kmph)

- (A)  9.33 - (Optional 2)
- (B)  8.33 - (Optional 1)
- (C)  7.33 - (Optional 3)
- (D)  6.33 - (Optional 4)

**Question No.95**

1.00

Bookmark

Instructions:

Study the graphs the following times and answer the question based on it? Two publishing years of five branches of a publishing company have been sold in books in 2010 and 2011 (in thousand).

Find out the average (in thousand) of sales of all branches in 2010?



- (A)  78 - (Optional 3)
- (B)  76 - (Alternative 2)
- (C)  80 - (Alternative 4)
- (D)  74 - (Optional 1)

**Question No.96**

1.00

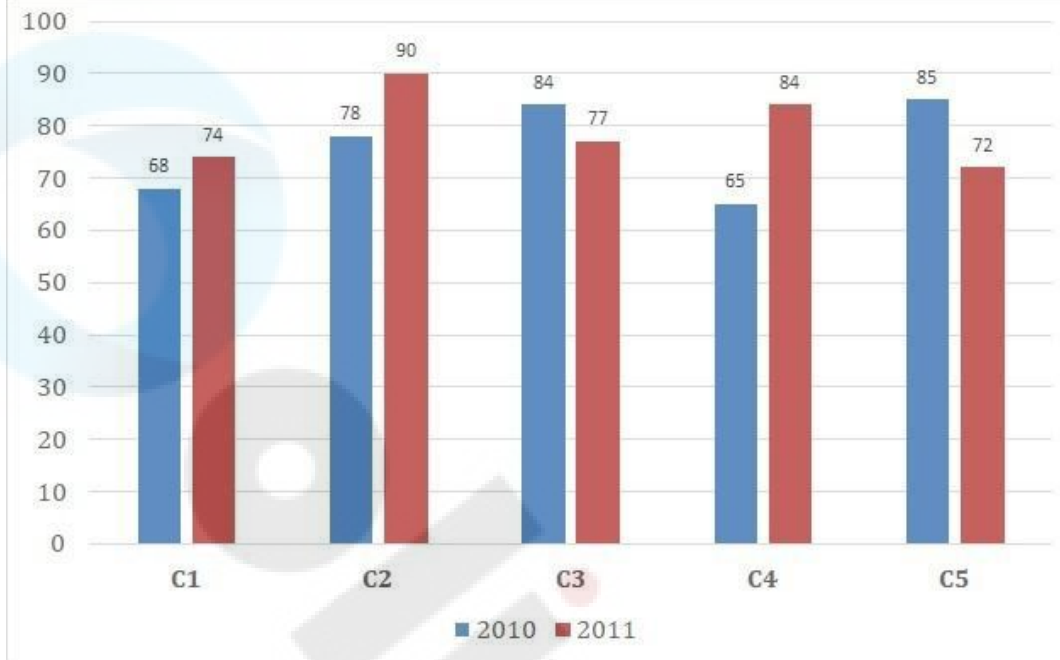
Bookmark

Instructions:

Study the graphs the following times and answer the question based on it? Two publishing years of five branches of a publishing company have been sold in books in 2010 and 2011 (in thousand).



Find out the total sales (in thousand) of the company's branches C1, C3 and C5 in both years?



- (A)  462 - (Alternative 4)  
(B)  460 - (Alternative 3)  
(C)  458 - (Optional 2)  
(D)  456 - (Optional 1)

Question No.97

1.00

Bookmark

Sheila walks at the speed of her usual speed ( $\frac{17}{18}$ ) and determines a certain distance of 5 minutes more than the time it takes in normal speed. Calculate the normal time she takes in determining the fixed distance. (in a minute)

- (A)  83 - (Optional 3)  
(B)  82 - (Alternative 4)  
(C)  85 - (Alternative 2)  
(D)  84 - (Alternative 1)

Question No.98

1.00

Bookmark

A train takes 53 seconds to cross 238 m long bridge. If the same train takes 19 seconds to cross a sign board, then know the length of the train? (in m)

- (A)  123 - (Alternative 2)  
(B)  113 - (Optional 1)  
(C)  133 - (Optional 3)  
(D)  143 - (Alternative 4)

Question No.99

1.00

Bookmark

At the same amount, the difference between compound interest and ordinary interest amount received in two years at the interest rate is 64 rupees. If the interest rate is 4% annual, then calculate the amount invested (in Rs.)

- (A)  44,000 - (Optional 3)  
(B)  46,000 - (Optional 4)  
(C)  42,000 - (Optional 2)

(D)  40,000 - (Optional 1)

**Question No.100**

1.00

Bookmark

The average load of 65 notebooks kept in a box is 6.5 kg. If there is 1 notebook in the box and its average load is 6.6 kg, then should you know the weight of the new notebook? (in kg)

- (A)  13.2 - (Optional 2)  
(B)  13.1 - (Optional 1)  
(C)  13.3 - (Optional 3)  
(D)  13.4 - (Optional 4)

**Question No.101**

1.00

Bookmark

Vimal receives 42 points out of 80 in French, 88 in 100 in English, 40 in 70 in Spanish, and 40 in 50 in Zeppanya. Find the total percentage of the marks obtained by him? (%In)

- (A)  80 - (Alternative 4)  
(B)  50 - (Optional 1)  
(C)  60 - (Optional 2)  
(D)  70 - (Alternative 3)

**Question No.102**

1.00

Bookmark

Find the product of those numbers, which is the smallest endowment (LC) 8881 and the maximum consonant (ms) 1?

- (A)  7771 - (Optional 3)  
(B)  8881 - (Optional 1)  
(C)  9991 - (Alternative 2)  
(D)  6661 - (Alternative 4)

**Question No.103**

1.00

Bookmark

972 How can the mobile number of students of any class be divided equally?

- (A)  22 - (Optional 4)  
(B)  18 - (Optional 2)  
(C)  16 - (Optional 1)  
(D)  20 - (Optional 3)

**Question No.104**

1.00

Bookmark

The area of a square piece of glass  $L225 \text{ Cm}^2$ , which is placed on top of a table | The width between the glass pieces and one side of the table is 9 cm. Find the length of the table? (in cm)

- (A)  51 - (Optional 1)  
(B)  52 - (Alternative 2)  
(C)  50 - (Optional 4)  
(D)  53 - (Optional 3)

**Question No.105**

1.00

Bookmark

A shopkeeper has 43% discount on the purchase price of an item after hauling it up to 43%. So, let's know the total percentage gain or loss you get?

- (A)  16.67% Loss - (Optional 1)  
(B)  **18.49% Loss - (Optional 4)**  
(C)  18.49% profit - (Optional 3)  
(D)  16.67% profit - (Optional 2)

**Question No.106**

1.00

**Bookmark**

A shopkeeper sells a product for Rs 2,673 and earns 12.5% profit on it. How much will the half of the purchase price of that item be equal to? (In rupees)

- (A)  1,177 - (Alternative 2)  
(B)  **1,188 - (Optional 3)**  
(C)  1,166 - (Optional 1)  
(D)  1,199 - (Optional 4)

**Question No.107**

1.00

**Bookmark**

7,000, 8% of the annual interest rate has been invested. If after 5 years, that amount is withdrawn and half the amount is invested in the stock market, then what will be the remaining amount (in Rs.)?

- (A)  **4,900 - (Optional 4)**  
(B)  4,700 - (Optional 2)  
(C)  4,600 - (Optional 1)  
(D)  4,800 - (Alternative 3)

**Question No.108**

1.00

**Bookmark**

Martin donates 13% of his salary to an institution of blind, 12% of orphans, and 14% of the body of the organism, and gives 16% of his salary as help in setting up a medical camp. Remaining Rs 41,400 He deposits in the bank for the monthly expense. How much does he donate to the orphanage institution?

- (A)  **Rs 11040 - (Optional 1)**  
(B)  Rs 13040 - (Optional 3)  
(C)  Rs 12040 - (Optional 2)  
(D)  Rs 14040 - (Optional 4)

**Question No.109**

1.00

**Bookmark**

The milk and water ratio in the 63 liters mixture is 3: 4. If this ratio is changed to 3: 5, then know the amount of excess water mixed in the mixture. (In liters)

- (A)  **9 - (Optional 1)**  
(B)  7 - (Optional 3)  
(C)  6 - (Optional 4)  
(D)  8 - (Optional 2)

**Question no.110**

1.00

**Bookmark**

Find the value of x:

$$\frac{2}{5}(x) + \frac{3}{10}(x) - \frac{3}{5}(x) = 479$$

- (A)  4890 - (Optional 3)  
(B)  5190 - (Alternative 4)  
(C)  4790 - (Alternative 2)  
(D)  4690 - (Optional 1)

**Question No.111**

1.00

Bookmark

There are different types of old coins in the ratio of 3: 5: 7 in a box, whose values are Rs 1, Rs 5 and Rs 10 respectively. If the total value of coins is Rs 392, then Rs 10 What is the total number of coins of value?

- (A)  26 - (Optional 3)  
(B)  25 - (Optional 1)  
(C)  27 - (Optional 4)  
(D)  28 - (Alternative 2)

**Question no.112**

1.00

Bookmark

The person reaches a 3-minute delay from the hostel by cycling at a speed of 15 kmph. If he used to ride a bike at a speed of 20 kmph then it would reach 3 minutes early. Find the distance between the hostel and the college? (in km)

- (A)  6 - (Optional 4)  
(B)  4 - (Optional 2)  
(C)  3 - (Optional 1)  
(D)  5 - (Optional 3)

**Question No.113**

1.00

Bookmark

23√3 cm If the cube with a diagonal is melted by making a cuboid, then its height will be, if the length of the cuboid is equal to the arm of the cube and the width of the cuboid is 11.5 cm. (from cm)

- (A)  44 - (Optional 3)  
(B)  43 - (Optional 4)  
(C)  46 - (Optional 1)  
(D)  45 - (Alternative 2)

**Question No.114**

1.00

Bookmark

Divide a number by 119, 13 remains the remainder. By dividing the same number by 17, how much will the remainder get?

- (A)  11 - (Optional 2)  
(B)  12 - (Optional 3)  
(C)  10 - (Optional 1)  
(D)

(D) 13 - (Optional 4)

Question No.115

1.00

Bookmark

There are 10 bangles in a gift box. The average weight of the first 4 is 51 grams and the average weight of the remaining 6 bangles is 52 grams. Find the total average weight of all bangles (in grams)?

- (A)  51.2 - (Optional 1)  
(B)  51.4 - (Optional 2)  
(C)  51.6 - (Optional 3)  
(D)  51.8 - (Optional 4)

Question no.116

1.00

Bookmark

Simplify:

$$13.57 + 12.35 + 13.67 - 24.68 = 3 \times ?$$

- (A)  4.97 - (Optional 3)  
(B)  3.97 - (Optional 1)  
(C)  6.97 - (Optional 4)  
(D)  5.97 - (Optional 2)

Question No.117

1.00

Bookmark

The Station Master decided to increase the length of a rectangular digital board by 7% and reduce the width by 3%. Find the total change in the area of the board?

- (A)  5.67% increase - (Optional 4)  
(B)  3.79% increase - (Optional 2)  
(C)  5.67% reduction - (Optional 3)  
(D)  3.79% reduction - (Optional 1)

Question no.118

1.00

Bookmark

Amir shares 800 gifts in 4 children. First gift of the child came in the part of the child, twice the gift which came in the other child's part, three times the gift of the third child, and four times the gift which came in the fourth child, all are equal. How many gifts are available to both the first and the second?

- (A)  476 - (Alternative 2)  
(B)  676 - (Optional 3)  
(C)  876 - (Optional 1)  
(D)  576 - (Optional 4)

Question No.119

1.00

Bookmark

324! Find the number of trailing zeros in?

- (A)  76 - (Alternative 2)

- (B)  78 - (Optional 3)
- (C)  74 - (Optional 1)
- (D)  80 - (Alternative 4)

**Question No.120**

1.00

Bookmark

Find the value of x:

$$\sqrt{225} \div 15 + \sqrt{256} = 1 \times x$$

- (A)  18 - (Optional 2)
- (B)  19 - (Optional 3)
- (C)  17 - (Optional 1)
- (D)  21 - (Optional 4)