

Roll No:

Registration No:

Name:

Date: 12-Jan-2019 **Shift-2**

Examination: **Online Examination - SI**

**Section 1 - Online Examination**

**Question No.1**

1.00

**Bookmark**

What is the first time of the parliamentary meeting in the following?

- (A)  Zero period - (Alternative 1)
- (B)  **Question time - (Optional 2)**
- (C)  Discuss for half an hour - (Alternative 4)
- (D)  Short-term discussion - (Optional 3)

**Question No.2**

1.00

**Bookmark**

What movement is related to Henri Vivian Darioji?

- (A)  Theosophical movement - (Alternative 1)
- (B)  Ramkrishna Movement - (Alternative 4)
- (C)  **Young Bengal Movement - (Alternative 3)**
- (D)  Prayer Society - (Alternative 2)

**Question No.3**

1.00

**Bookmark**

What do the same energy classes show?

- (A)  **Degenerate - (Optional 3)**
- (B)  Stabilization - (Optional 1)
- (C)  Regenerate - (Optional 4)
- (D)  Stimulus - (Alternative 2)

**Question No.4**

1.00

**Bookmark**

Gatta is a form of martial arts, where is it played?

- (A)  Chhattisgarh - (Alternative 4)
- (B)  Jharkhand - (Alternative 3)
- (C)  West Bengal - (Alternative 1)
- (D)  **Punjab - (Alternative 2)**

**Question No.5**

1.00

**Bookmark**

Which of the following states is not bound to China?

- (A)  Uttarakhand - (Alternative 2)
- (B)  **West Bengal - (Alternative 3)**
- (C)  Jammu and Kashmir - (Alternative 1)
- (D)  Sikkim - (Alternative 4)

**Question No.6**

1.00

Bookmark

When the flow of water is equal in and outside of the cell, is the cell called \_\_\_\_\_?

- (A)  **Flacid - (Alternative 1)**
- (B)  Isotonic - (Alternative 2)
- (C)  Inflation Pressure - (Optional 4)
- (D)  Hypotonic - (Alternative 3)

**Question No.7**

1.00

Bookmark

Which scheme was started with the recommendation of the Fourth All India Whip (WHIP) Conference?

- (A)  **Youth Parliament - (Alternative 1)**
- (B)  Model Parliament - (Alternative 3)
- (C)  Young Parliament - (Alternative 2)
- (D)  All IndiaPerLment - (Alternative 4)

**Question No.8**

1.00

Bookmark

In which of the following religions is Easter and Good Friday celebrated?

- (A)  Sikh - (Alternative 4)
- (B)  Parsi - (Alternative 2)
- (C)  Islam - (Alternative 1)
- (D)  **Christian - (Alternative 3)**

**Question No.9**

1.00

Bookmark

National Highway 3 from Agra Where?

- (A)  Amritsar - (Alternative 4)
- (B)  Kolkata - (Alternative 2)
- (C)  **Mumbai - (Alternative 1)**
- (D)  Delhi - (Alternative 3)

**Question No.10**

1.00

Bookmark

The arc (pressure) of saturated water vapor is called \_\_\_\_\_.

- (A)  **Aquatic Stress - (Alternative 2)**
- (B)  Page Stress - (Alternative 3)
- (C)  Absolute Arc - (Alternative 4)
- (D)  Partial Arc (Pressure) - (Optional 1)

**Question No.11**

1.00

Bookmark

Who wrote the Ramayana?

- (A)  Ved Vyas - (Alternative 1)
- (B)  **Valmiki - (Alternative 2)**
- (C)  Vishnu Sharma - (Alternative 3)
- (D)  AmarSyah - (Alternative 4)

**Question No.12**

1.00

Bookmark

What is the right to life in the Indian constitution?

- (A)  Basic Manual - (Optional 4)
- (B)  State Policy Director's Principle - (Alternative 2)
- (C)  Fundamental Duty - (Alternative 3)
- (D)  **Fundamental Rights - (Alternative 1)**

**Question No.13**

1.00

Bookmark

Which Mughal ruler started Din-i-Elahi?

- (A)  **Akbar - (Alternative 2)**
- (B)  Jahangir - (Alternative 3)
- (C)  Shah Jahan - (Alternative 4)
- (D)  Humayun - (Alternative 1)

**Question No.14**

1.00

Bookmark

When was the first Commonwealth Games held?

- (A)  1942 - (Alternative 3)
- (B)  1914 - (Alternative 1)
- (C)  1990 - (Alternative 4)
- (D)  **1930 - (Alternative 2)**

**Question No.15**

1.00

Bookmark

Which of the following is not related to the closing ceremony of the race in the race?

- (A)  Shoulder Shrug - (Alternative 2)
- (B)  Dip - (Optional 3)
- (C)  Run Through - (Optional 1)
- (D)  **Approach Run - (Optional 4)**

**Question No.16**

1.00

Bookmark

What is the playground of volleyball game called?

- (A)  **Court - (Alternative 4)**
- (B)  Diamond - (Alternative 1)
- (C)  Ring - (Alternative 2)
- (D)  Field - (Alternative 3)

**Question no.17**

1.00

Bookmark

Cut in special places in DNA by whom?

- (A)  **Endonucleus - (Alternative 3)**
- (B)  Plasmid - (Alternative 4)
- (C)  Exonuclease - (Optional 1)
- (D)  Ricobinant DNA - (Alternative 2)

**Question No.18**

1.00

Bookmark

What is a mixture of copper and silver used by Satvahanas?

- (A)  Tinka - (Alternative 1)
- (B)  Winning - (Optional 2)
- (C)  **Putty - (Alternative 4)**
- (D)  Outstanding - (Optional 3)

**Question No.19**

1.00

Bookmark

Which of the following is located on the Jupiter estuary?

- (A)  Cochin - (Alternative 4)
- (B)  **Mormugao - (Alternative 2)**
- (C)  New Mangalore - (Alternative 3)
- (D)  Mumbai - (Alternative 1)

**Question No.20**

1.00

Bookmark

Which of the following government schemes is for accident insurance?

- (A)  Make in India - (Alternative 3)
- (B)  Save daughter, teach daughter - (Alternative 4)
- (C)  Atal Pension Scheme - (Alternative 2)
- (D)  **Prime Minister's Security Insurance Scheme (PMSBY) - (Alternative 1)**

**Question no.21**

1.00

Bookmark

What are the crops grown between March and June?

- (A)  **Summer Crops - (Alternative 1)**
- (B)  Fiber Crops - (Alternative 4)
- (C)  Kharif Crops - (Alternative 3)
- (D)  Winter Crops - (Alternative 2)

**Question no.22**

1.00

Bookmark

Which languages are mentioned in the Constitution for the editing of Parliament?

- (A)  English and Tamil - (Alternative 1)
- (B)  Urdu and English - (Alternative 3)
- (C)  Hindi and Urdu - (Alternative 2)
- (D)  **Hindi and English - (Alternative 4)**

**Question no.23**

1.00

Bookmark

Which of the following is associated with Bosospores water bodies?

- (A)  Black Sea and Caspian Sea - (Alternative 4)
- (B)  **Black Sea and Maramara Sea - (Alternative 3)**
- (C)  Red Sea and Mediterranean Sea - (Alternative 1)
- (D)  Red Sea and Black Sea - (Alternative 2)

**Question no.24**

1.00

Bookmark

Respect for national flag and national anthem -

- (A)  Basic Manual - (Optional 4)

- (B)  Policy Director's Principle - (Optional 3)
- (C)  Fundamental Rights - (Alternative 1)
- (D)  **Fundamental Duty - (Alternative 2)**

**Question No.25**

1.00

Bookmark

What year was the Make-in-India policy implemented?

- (A)  **2014 - (Alternative 3)**
- (B)  2015 - (Optional 4)
- (C)  2012 - (Optional 1)
- (D)  2013 - (Alternative 2)

**Question no.26**

1.00

Bookmark

What is the interest rate that the RBI charges on long-term loans?

- (A)  Buyback Rate - (Optional 1)
- (B)  **Bank Rate - (Optional 2)**
- (C)  Repeat rate - (Optional 3)
- (D)  None of these - (Alternative 4)

**Question no.27**

1.00

Bookmark

Indigenous sports 'Kalaripayattu' originally belongs to which state?

- (A)  Karnataka - (Alternative 1)
- (B)  Assam - (Alternative 4)
- (C)  Madhya Pradesh - (Alternative 2)
- (D)  **Kerala - (Alternative 3)**

**Question no.28**

1.00

Bookmark

What is the defense against the arbitrariness of arrest is called protection against personal freedom?

- (A)  Sursiarai (Trademark Articles) - (Alternative 2)
- (B)  Mendems (paramas) - (Alternative 3)
- (C)  Probation - (Optional 4)
- (D)  **Habeas Corpus (Habeas Corp) - (Alternative 1)**

**Question no.29**

1.00

Bookmark

Free and compulsory education has been ensured for children of which age group in India?

- (A)  5 to 10 years - (Optional 1)
- (B)  **6 to 14 years - (Optional 2)**
- (C)  4 to 18 years - (Optional 4)
- (D)  6 to 12 years - (Optional 3)

**Question No.30**

1.00

Bookmark

Which of the following is not related to the shooting game?

- (A)  Rajyavardhan Singh Rathore - (Alternative 2)
- (B)  **Sushil Kumar - (Alternative 3)**

- (C)  Jitu Rai - (Alternative 1)  
(D)  Abhinav Bindra - (Alternative 4)

**Question No.31**

1.00

Bookmark

What new position did Ashoka construct for the promotion of Dham?

- (A)  Consolidator - (Optional 1)  
(B)  Rajukas - (Alternative 4)  
(C)  Bodhisattva - (Alternative 3)  
(D)  **Dhamma Mahamatra - (Alternative 2)**

**Question No.32**

1.00

Bookmark

Statue of Liberty is located in which city?

- (A)  London - (Alternative 2)  
(B)  **New York - (Alternative 1)**  
(C)  Los Angeles - (Alternative 3)  
(D)  Washington DC - (Alternative 4)

**Question No.33**

1.00

Bookmark

Which of the following Indian art is associated with the dance, drama and dance form?

- (A)  Music - (Alternative 1)  
(B)  **Dance Art - (Alternative 4)**  
(C)  Puppet game - (Alternative 3)  
(D)  Martial arts - (Alternative 2)

**Question No.34**

1.00

Bookmark

Which year did the All India Muslim League begin?

- (A)  1905 - (Alternative 2)  
(B)  1907 - (Alternative 4)  
(C)  1904 - (Optional 1)  
(D)  **1906 - (Alternative 3)**

**Question No.35**

1.00

Bookmark

Swelling in the joints caused by the accumulation of solid particles of uric acid is called \_\_\_\_\_.

- (A)  **Watercolor (gout) - (Alternative 4)**  
(B)  Epidemiology - (Alternative 1)  
(C)  Osteoporosis - (Alternative 3)  
(D)  Arthritis - (Alternative 2)

**Question No.36**

1.00

Bookmark

Which two important actions are concluded at the time of the construction of pn junction?

- (A)  Depilation and Drift - (Optional 1)  
(B)  Doping & Drift - (Alternative 2)  
(C)  **Diffusion and Drift - (Optional 4)**

(D)  Depilation and Doping - (Optional 3)

**Question No.37**

1.00

Bookmark

The Special Olympics World Winter Games are held in every \_\_\_\_\_.

- (A)  **4 years - (Optional 3)**
- (B)  5 years - (Optional 4)
- (C)  2 years - (Optional 2)
- (D)  1 year - (Optional 1)

**Question No.38**

1.00

Bookmark

In what process does the system remain absolute from its external environment, where the value of the absorbed or emitted heat is zero?

- (A)  **Rudoshosh Prakrama - (Alternative 2)**
- (B)  Cyclical Process - (Alternative 4)
- (C)  Hypnotic Process - (Alternative 3)
- (D)  Samadhi Program - (Alternative 1)

**Question No.39**

1.00

Bookmark

Carbohydrates that produce up to two to ten units of monosaccharide in the hydrolysis are called \_\_\_\_\_.

- (A)  Hydroxyarides - (Alternative 4)
- (B)  Policecare - (Alternative 1)
- (C)  **Oligosaccharides - (Alternative 2)**
- (D)  Monosaccharides - (Alternative 3)

**Question No.40**

1.00

Bookmark

Who is being connected through the Ram Sethu project?

- (A)  Bay of Bengal and the Arabian Sea - (Alternative 1)
- (B)  Gulf of Kutch and Khambatan Bay - (Alternative 3)
- (C)  Arabian Sea and Indian Ocean - (Alternative 4)
- (D)  **Bay of Mannar and Pak Bay - (Alternative 2)**

**Question No.41**

1.00

Bookmark

When did the Indian Constituent Assembly recognize the national anthem?

- (A)  1949 - (Alternative 3)
- (B)  **1950 - (Alternative 2)**
- (C)  1947 - (Alternative 4)
- (D)  1948 - (Optional 1)

**Question No.42**

1.00

Bookmark

Who is the duty of consulting the Government of India in the judicial matters of the country?

- (A)  Judge of High Judge - (Optional 3)
- (B)  Judge of the Supreme Court - (Alternative 2)
- (C)  **Attorney General (Optional 4)**

(D)  Advocate General - (Alternative 1)

**Question No.43**

1.00

Bookmark

Which of the following Five Year Plan was implemented with the slogan 'Garibi Hatao'?

- (A)  Seventh Five Year Plan - (Alternative 3)
- (B)  Eighth Five Year Plan - (Alternative 4)
- (C)  Fifth Five Year Plan - (Optional 1)
- (D)  **Sixth Five Year Plan - (Alternative 2)**

**Question no.44**

1.00

Bookmark

Due to the tangent force, the retrograde force generated in the per unit area is known as \_\_\_\_\_.

- (A)  Tensile Stress - (Alternative 1)
- (B)  Compressive Stress - (Alternative 3)
- (C)  **Sheet Reflex - (Alternative 2)**
- (D)  Visible Impact - (Alternative 4)

**Question No.45**

1.00

Bookmark

Which district of India is famous for diamonds?

- (A)  Nasik District - (Alternative 1)
- (B)  **Panna District - (Alternative 3)**
- (C)  Kanchipuram District - (Alternative 4)
- (D)  Koraput district - (Alternative 2)

**Question No.46**

1.00

Bookmark

What does the state's policy mean by directive principles?

- (A)  General Rights - (Optional 4)
- (B)  **Principles to be followed by the State - (Alternative 3)**
- (C)  Fundamental Rights - (Alternative 1)
- (D)  Fundamental Duty - (Alternative 2)

**Question no.47**

1.00

Bookmark

Who was the founder of the Vijayanagar empire?

- (A)  Krishna Dev Rai and Narasimha - (Alternative 2)
- (B)  Achyuya Ram Rai and Krishna Dev Rai - (Alternative 4)
- (C)  **Harihar and Bukka - (Alternative 1)**
- (D)  Veer Narasimha and Achyuya Ramrai - (Alternative 3)

**Question no.48**

1.00

Bookmark

Idukki Hydroelectric Project is located in which state?

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



Question No.49

1.00

Bookmark

Which river is called the 'grief of China'?

- (A)  **Hwangi - (Alternative 4)**
- (B)  Heilongjiang - (Alternative 2)
- (C)  Yangtze - (Alternative 1)
- (D)  Tarim - (Alternative 3)

Question No.50

1.00

Bookmark

Which of the following planets is known as Sandhya Tara?

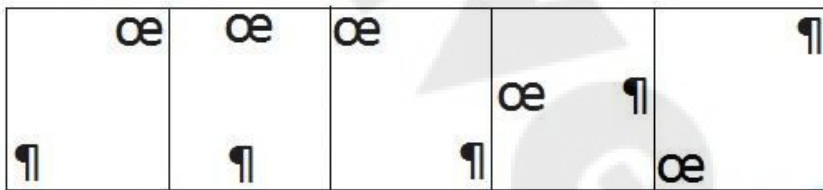
- (A)  Mercury - (Alternative 1)
- (B)  Mars - (Alternative 4)
- (C)  Earth - (Alternative 3)
- (D)  **Venus - (Alternative 2)**

Question No.51

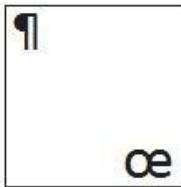
1.00

Bookmark

Which of the given options would be the next shape of the given series?

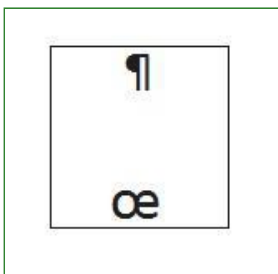


(A)



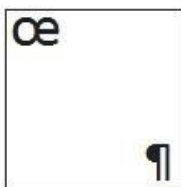
- (Optional 4)

(B)



- (Optional 2)

(C)



- (Optional 3)

(D)



- (Optional 1)

**Question No.52**

1.00

Bookmark

Find the next number in the series.

18, 39, 75, 153, 303, ?

- (A)  606 - (Alternative 2)
- (B)  609 - (Optional 1)
- (C)  600 - (Alternative 4)
- (D)  603 - (Optional 3)

**Question No.53**

1.00

Bookmark

None of the following five are equal in one particular way and form a group. Which one is not related to that group?

Identical, similar, equivalent, related, dissimilar

- (A)  Equivalent - (Optional 3)
- (B)  Async - (Alternative 4)
- (C)  Format - (Optional 2)
- (D)  Similar - (Alternative 1)

**Question No.54**

1.00

Bookmark

Find the next number in the series.

19, 38, 41, 82, 85, ?

- (A)  168 - (Optional 3)
- (B)  170 - (Optional 4)
- (C)  166 - (Alternative 2)
- (D)  164 - (Optional 1)

**Question no.55**

1.00

Bookmark

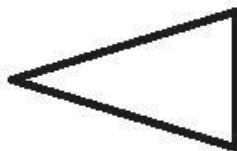
Select the correct option from the given options that can create a full square (3 out of 5 images below):



1



2



3



4



5

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

(D)  3,1,4 - (Alternative 2)

**Question no.56**

1.00

Bookmark

Find the next number in the series.

21, 46, 96, 196, 396,?

- (A)  790 - (Alternative 2)  
(B)  796 - (Optional 3)  
(C)  795 - (Optional 1)  
(D)  800 - (Alternative 4)

**Question no.57**

1.00

Bookmark

In this question the relation between the different elements is shown in the statement. After the statement, two conclusions are given:

Statement:  $A < C \geq D > E = M > Y$

Conclusions:

- i)  $D > Y$   
ii)  $A < D$

Select the correct option from the given options.

- (A) Only conclusions i is logical  
(B) Only conclusions ii is rational  
(C) or conclusions i or ii is rational  
(D) nor the conclusions ii is rational  
(E) both the conclusions i and ii are rational
- (A)  C - (Alternative 3)  
(B)  D - (Alternative 4)  
(C)  A - (Alternative 1)  
(D)  B - (Alternative 2)

**Question no.58**

1.00

Bookmark

In this question, there are three statements bearing reference, whose three findings have been given i, ii and iii. Assuming that the given statements are true, find out which conclusions are completely true.

Statement:  $A < N \leq X; X = I > E; E > T \geq Y$

Conclusion:

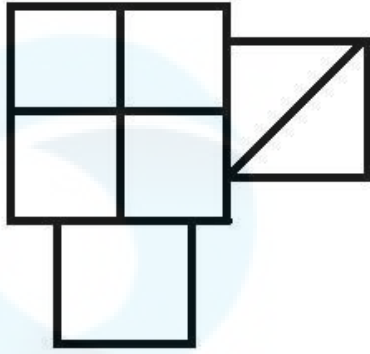
- i)  $A < i$   
ii)  $X > T$   
iii)  $E > Y$
- (A)  Only i) and iii) - (Optional 1)  
(B)  Only ii) and iii) - (Optional 2)  
(C)  Only iii) - (Optional 3)  
(D)  All are rational - (Alternative 4)

**Question No.59**

1.00

Bookmark

How many classes are there in given figure?



- (A)  8 - (Optional 4)
- (B)  7 - (Optional 1)
- (C)  6 - (Optional 2)
- (D)  5 - (Optional 3)

**Question No.60**

1.00

Bookmark

Select the appropriate water reflection from the options for the given question.

**PETROL**

- (A)  
**ЬЕТВОГ**
 - (Optional 4)
- (B)  **ЬЕТВОГ** - (Optional 3)
- (C)  **ЬЕТВО┘** - (Optional 1)
- (D)  **ЬЕТВО┘** - (Optional 2)

**Question No.61**

1.00

Bookmark

Replace the question mark with the option that follows the applied logic in the first pair  
: 2011: 16 :: 2560: ??

- (A)  169 - (Alternative 2)
- (B)  175 - (Alternative 4)

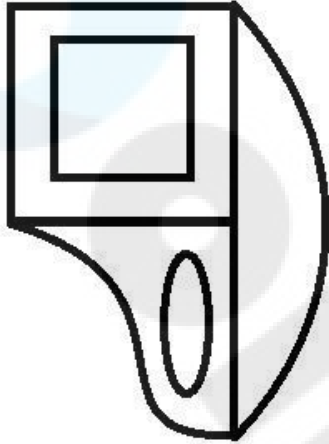
- (C)  196 - (Alternative 3)  
(D)  165 - (Optional 1)

**Question No.62**

1.00

Bookmark

How straight lines are there in given figure?



- (A)  15 - (Optional 1)  
(B)  12 - (Optional 2)  
(C)  8 - (Optional 3)  
(D)  10 - (Optional 4)

**Question No.63**

1.00

Bookmark

Change the question mark with the option that follows the argument applied in the first pair  
Fast: Quick :: Skinny: ??

- (A)  Thin - (Alternative 3)  
(B)  Thick - (Alternative 2)  
(C)  Strange - (Optional 4)  
(D)  Strong - (Optional 1)

**Question No.64**

1.00

Bookmark

In this question, a statement and two related findings i and ii have been given. Assuming the truth of the statement, you have to consider both the findings and decide which conclusions are free of logic and logical and logical.

Statement: Manish loves to read only.

Conclusion:

- i) Manish has lots of books.  
ii) In watching TV and reading the newspaper, Manish likes to read the newspaper.

Select the correct option from the options below

- (A) only conclusion i logical  
(B) only conclusion ii logical  
(C) or conclusion i or ii logical  
(D) not conclude i nor ii rational  
(E) Both conclusions i and ii are rational  
(A)  B - (Alternative 2)

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

**Question No.65**

1.00

Bookmark

Three statements and three conclusions have been given in this question. Assuming the truth of the statement, you have to consider both the findings and decide which conclusions are free of logic and logical and logical.

Statement: All books are pen. Some pencils are pencils. All pencils are rubber.

Conclusion:

- i) Some books are pencils  
ii) Some books are rubber  
iii) some are in rubber

- (A)  I only) and ii) - (optional 1)  
(B)  **Only iii) - (Optional 4)**  
(C)  Only ii) and iii) - (optional 3)  
(D)  Only i) and iii) - (Optional 2)

**Question No.66**

1.00

Bookmark

In a special encodement, if ARRAY is written in BTSCZ, then how will BOARD be written in the same code language?

- (A)  DCQFT - (Optional 4)  
(B)  DQCTF - (Alternative 2)  
(C)  **CQBTE - (Optional 3)**  
(D)  CPBSE - (Optional 1)

**Question No.67**

1.00

Bookmark

A man pointing to a young boy said, "This is the son of my mother's sister's daughter." What is the relation between that guy's boy?

- (A)  **Uncle - (Alternative 1)**  
(B)  Son - (Alternative 4)  
(C)  Cage - (Alternative 3)  
(D)  Brother - (Alternative 2)

**Question No.68**

1.00

Bookmark

If SIXTY is written HRCGB in a special code, then how will ROUTE be written in the same code language?

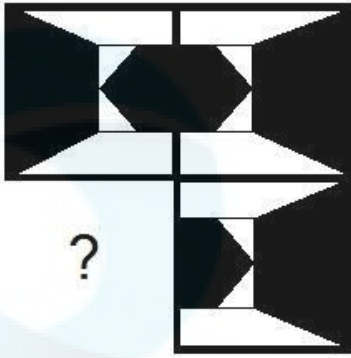
- (A)  TQVWG - (Optional 3)  
(B)  IFLGV - (Alternative 4)  
(C)  TQWVG - (Optional 1)  
(D)  **ILFGV - (Alternative 2)**

**Question No.69**

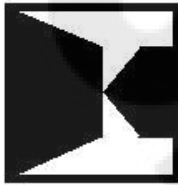
1.00

Bookmark

Select the correct option which will complete the format of the given picture.



(A)



- (Optional 1)

(B)



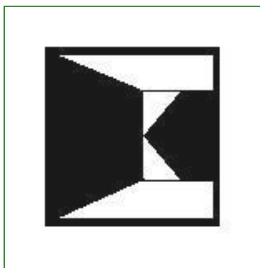
- (Optional 4)

(C)



- (Optional 2)

(D)



- (Optional 3)

**Question No.70**

1.00

**Bookmark**

If placing the mirror on the shaded line, which of the following options would be an appropriate reflection of the given question?

KUWAIT



(A)

TIAWUK - (Optional 1)

(B)

KUAWIT - (Optional 2)

(C)

TIAWUK - (Optional 3)

(D)

LIAWUK - (Optional 4)

**Question No.71**

1.00

Bookmark

Two statements and two conclusions have been given in this question. Assuming the truth of the statement, you have to consider both the findings and decide which conclusions are free of logic and logical and logical.

Statement: All trucks are lorries. All the lorries are scooters.

Conclusion:

- i) All truck scooters are.
- ii) Some scooters are lorries.

Select the correct option from the given options.

- (A) Only conclusions i is logical
- (B) Only conclusions ii is rational
- (C) or conclusions i or ii is rational
- (D) nor the conclusions ii is rational
- (E) both the conclusions i and ii are rational

(A)  C - (Alternative 3)

(B)  E - (Alternative 4)

(C)  B - (Alternative 2)

(D)  A - (Alternative 1)

**Question No.72**

1.00

Bookmark

Carefully read the given information and answer the related question.

Ten people are sitting in two parallel rows of five to five people, in such a way that the distance between the nearest people is equal.



In line 1- M, N, O, P and Q are sitting and the mouth of all is towards the south.

In line 2- A, B, C, D and E are sitting and the face of everyone is towards the north.

Therefore, everyone sitting in a row in the seating arrangement is in front of the other person in the other.

- i) B is sitting in front of the person who is sitting in the second place from the left side of P.
- ii) A neighbor is B and A is not in front of the person sitting next to p, which is sitting on one end of the line.
- iii) O and C are sitting in front of each other.
- iv) Q is in front of A and sitting between N and M.
- v) E is not sitting on any end of the line.

Who is sitting in front of B?

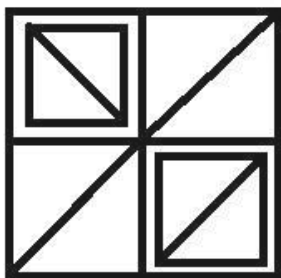
- (A)  P - (Alternative 4)
- (B)  Q - (Optional 2)
- (C)  O - (Optional 3)
- (D)  M - (Alternative 1)

**Question No.73**

1.00

Bookmark

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



- (A)  7 - (Optional 3)
- (B)  9 - (Optional 1)
- (C)  8 - (Optional 4)
- (D)  10 - (Optional 2)

**Question No.74**

1.00

Bookmark

Carefully read the given information and answer the related question.

Ten people are sitting in two parallel rows of five to five people, in such a way that the distance between the nearest people is equal.

In line 1- M, N, O, P and Q are sitting and the mouth of all is towards the south.

In line 2- A, B, C, D and E are sitting and the face of everyone is towards the north.

Therefore, everyone sitting in a row in the seating arrangement is in front of the other person in the other.

- i) B is sitting in front of the person who is sitting in the second place from the left side of P.
- ii) A neighbor is B and A is not in front of the person sitting next to p, which is sitting on one end of the line.
- iii) O and C are sitting in front of each other.
- iv) Q is in front of A and sitting between N and M.
- v) E is not sitting on any end of the line.

Who is sitting at the end of the line?

- (A)  O - (Alternative 2)
- (B)  A - (Alternative 4)

- (C)  B - (Optional 3)  
(D)  M - (Alternative 1)

**Question No.75**

1.00

Bookmark

None of the following five are equal in one particular way and form a group. Which one is not related to that group?

B, T, N, J, G

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

**Question No.76**

1.00

Bookmark

R is the son of T. K is the sister of L, whose father M is married to T. What does R's daughter have to do with T?

- (A)  Bahu - (Alternative 4)  
(B)  **Granddaughter - (Alternative 3)**  
(C)  Cage - (Alternative 2)  
(D)  Nice - (Alternative 1)

**Question No.77**

1.00

Bookmark

Find the next number in the series.

39, 50, 63, 80, 99, ?

- (A)  **122 - (Optional 3)**  
(B)  129 - (Alternative 4)  
(C)  116 - (Optional 1)  
(D)  120 - (Optional 2)

**Question No.78**

1.00

Bookmark

Read the statements given and answer the question.

A4B means A, B's mother

means A3B A, B's father

A5B means A, B's son

A7B means A, B's daughter

depicts S grandmother's mother P in which the equation below?

- (A)  P7Q5R4S - (Optional 1)  
(B)  P3Q3R3S - (Optional 4)  
(C)  P4Q4R4S - (Optional 2)  
(D)  **P7Q4R4S - (Optional 3)**

**Question No.79**

1.00

Bookmark

Replace the question mark with the option that follows the applied logic in the first pair

Finger: Ring :: Wrist: ??

- (A)  Socks - (Alternative 4)  
(B)  **Watch - (Optional 2)**

- (C)  Helmet - (Optional 3)  
(D)  Cap - (Optional 1)

**Question No. 80**

1.00

Bookmark

Carefully read the given information and answer the related question.

Ten people are sitting in two parallel rows of five to five people, in such a way that the distance between the nearest people is equal.

In line 1- M, N, O, P and Q are sitting and the mouth of all is towards the south.

In line 2- A, B, C, D and E are sitting and the face of everyone is towards the north.

Therefore, everyone sitting in a row in the seating arrangement is in front of the other person in the other.

- i) B is sitting in front of the person who is sitting in the second place from the left side of P.  
ii) A neighbor is B and A is not in front of the person sitting next to p, which is sitting on one end of the line.  
iii) O and C are sitting in front of each other.  
iv) Q is in front of A and sitting between N and M.  
v) E is not sitting on any end of the line.

Which of the following is incompatible as per the meeting arrangement?

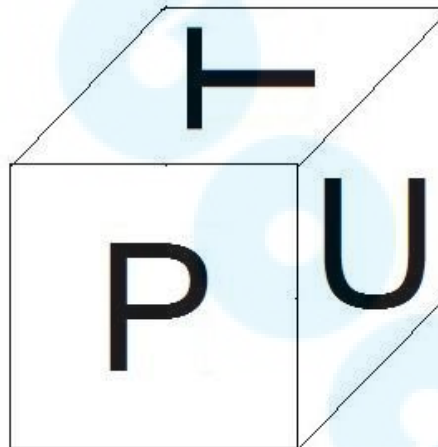
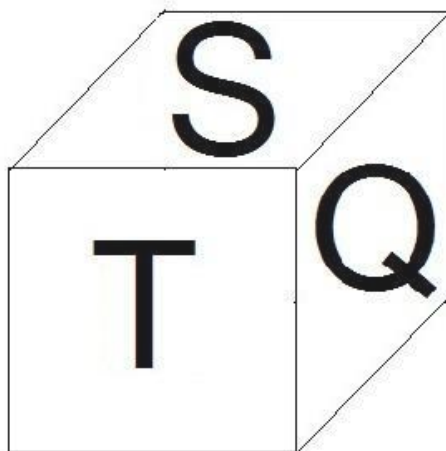
- (A)  D - (Alternative 3)  
(B)  A - (Alternative 4)  
(C)  O - (Alternative 2)  
(D)  P - (Alternative 1)

**Question No.81**

1.00

Bookmark

On each page of the dice, six letters are written on P, Q, R, S, T and U, as shown in the picture. What is the letter on the opposite page of letter T?



- (A)  R - (Optional 1)  
(B)  S - (Alternative 2)  
(C)  U - (Alternative 3)  
(D)  P - (Alternative 4)

**Question No.82**

1.00

Bookmark

None of the following five are equal in one particular way and form a group. Which one is not related to

that group?

JFB, PLH, TQN, ZVR, TPL

- (A)  JFB - (Alternative 4)
- (B)  ZVR - (Optional 1)
- (C)  TQN - (Alternative 2)
- (D)  TPL - (Optional 3)

**Question no.83**

1.00

Bookmark

Replace the question mark with the option that follows the argument applied in the first pair

V: M :: Z: ??

- (A)  T - (Optional 3)
- (B)  P - (Alternative 4)
- (C)  Q - (Optional 1)
- (D)  U - (Alternative 2)

**Question no.84**

1.00

Bookmark

In this question, a passage and a statement related to it have been given. Read the passage carefully and criticize the statement based on it.

In the Udham Singhnagar district of Uttarakhand, the strong olfactory power is known as a boon for the police to curb the illegal liquor business. These animals discovered laughing, a substance used for making liquor, which was kept hidden in the forest of Khatima and destroyed it. To avoid the raids of the police, the liquor makers used to work in the vicinity of the drains, near deep forests or around villages, because they require water for fermentation.

Lohan is closed by filling in barrels or polythene bags and pressed into the ground for four to five days for fermentation. Khatima Police Station Inspector Yogesh Upadhyay said that elephants reach the place only after smell of this substance and destroy the barrels to drink this drug. He told that some traders make the barrels hidden there by making scaffolds on the trees, but police reach them easily. "We have destroyed thousands of liters of linen in the last 2-3 months. The scaffold was deposited in barrels," said Inspector Yogesh Upadhyay. He said that "illegal businessmen kept the barrels of lahns on trees to keep them away from the reach of elephants." Elephants also found it from there and destroyed barrels to drink alcohol, causing heavy losses to the wine makers ". A villager said, "Alcohol in villages is sold for 80 to 100 rupees per liter. Because it is cheaper than alcohol available in the market, so people know it about its bad effect on health. Elephants are playing a very important role in curbing this trade. "

Statement: Water is not required for fermentation of drug, alcohol.

Select the appropriate from the given options

- A - Statement is completely true
- B - The statement is possibly true
- C - the statement can not be determined
- D - Statement is completely false

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

**Question no.85**

1.00

Bookmark

In this question, a passage and a statement related to it have been given. Read the passage carefully and criticize the statement based on it.

In the Udham Singhnagar district of Uttarakhand, the strong olfactory power is known as a boon for the police to curb the illegal liquor business. These animals discovered laughing, a substance used for making liquor, which was kept hidden in the forest of Khatima and destroyed it. To avoid the raids of the police, the wine makers used to make wine in the vicinity of the drains, in the deep forests or around the villages because they require water for fermentation.

Lohan is closed by filling in barrels or polythene bags and pressed into the ground for four to five days for fermentation. Khatima Police Station Inspector Yogesh Upadhyay said that elephants reach the place only after smell of this substance and destroy the barrels to drink this drug. He told that some traders make the barrels hidden there by making scaffolds on the trees, but police reach them easily. "We have destroyed thousands of liters of linen in the last 2-3 months. The scaffold was deposited in barrels," said Inspector Yogesh Upadhyay. He said that "illegal businessmen kept the barrels of lahns on trees to keep them away from the reach of elephants." Elephants also found it from there and destroyed barrels to drink alcohol, causing heavy losses to the wine makers ". A villager said, "Alcohol in villages is sold for 80 to 100 rupees per liter. Because it is cheaper than alcohol available in the market, so people know it about its bad effect on health. Elephants are playing a very important role in curbing this trade. "

Statement: Lohan is a substance used for making liquor.

Select the appropriate from the given options

A - Statement is completely true

B - The statement is

possibly true C - the statement can not be determined

D - Statement is completely false

(A)  A - (Alternative 1)

(B)  B - (Alternative 2)

(C)  C - (Alternative 3)

(D)  D - (Alternative 4)

**Question no.86**

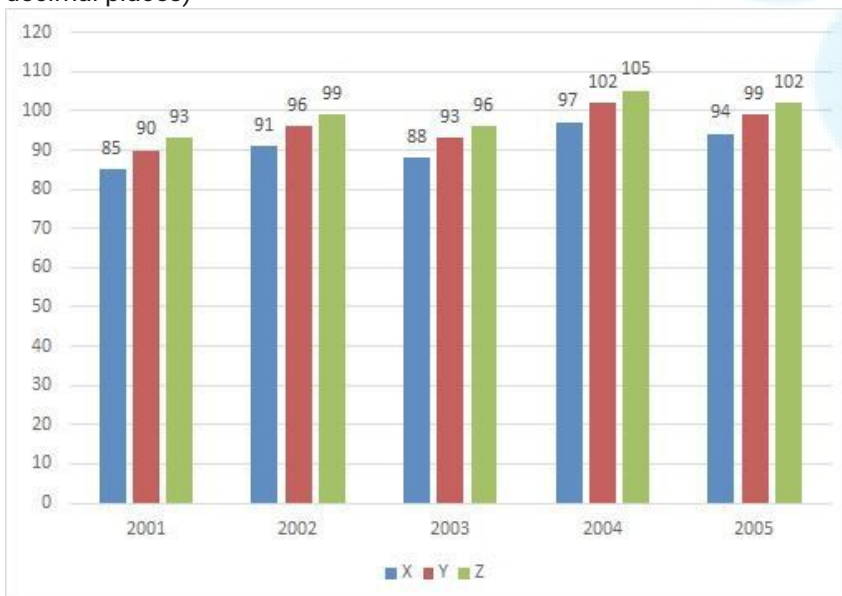
1.00

Bookmark

Instructions:

The bar graph below shows the paper production statistics (in thousandths) by three companies X, Y and Z in the year 2001-2005.

What is the percentage increase in the production of company X from 2002 to 2005? (In% - integer to two decimal places)



(A)  3.35 - (Optional 3)

(B)  3.40 - (Optional 4)

- (C)  3.10 - (Optional 1)  
(D)  **3.30 - (Optional 2)**

**Question No.87**

1.00

Bookmark

The amount of Rs.8,800 is invested at the normal interest rate of 11% per annum, if half of the total amount received after 5 years is invested in the stock market then find the savings (in rupees).

- (A)  6,620 - (Optional 4)  
(B)  6,920 - (Optional 2)  
(C)  6,720 - (Optional 3)  
(D)  **6,820 - (Optional 1)**

**Question no.88**

1.00

Bookmark

One person goes from the hostel to the college with a speed of 20 kmph and reaches 11.5 minutes late. If it reaches a distance of 11.5 minutes before cycling at 24 kmph, then find the distance between the hostel and the college. (in km)

- (A)  47 - (Alternative 2)  
(B)  49 - (Optional 4)  
(C)  **46 - (Optional 1)**  
(D)  48 - (Optional 3)

**Question No.89**

1.00

Bookmark

The total area of a piece of square glass  $L68\text{cm}^2$ , which has put up a table | The width is 11 cm between the edge of the table and the edge of the glass piece. Find the length of the table. (in cm)

- (A)  59 - (Optional 2)  
(B)  61 - (Optional 3)  
(C)  **63 - (Alternative 4)**  
(D)  57 - (Optional 1)

**Question No.90**

1.00

Bookmark

A shopkeeper has a profit of 14% on selling his product in Rs.1824. Find the amount that will be equal to half the cost of the product. (In Rs.)

- (A)  **800 - (Alternative 2)**  
(B)  840 - (Alternative 4)  
(C)  820 - (Alternative 3)  
(D)  780 - (Optional 1)

**Question No.91**

1.00

Bookmark

The width of a floor is 125% of its width. If the floor area of  $605\text{m}^2$ , what will be the sum of the floor length and width | (in m)

- (A)  51.5 - (Optional 4)  
(B)  **49.5 - (Optional 3)**  
(C)  47.5 - (Optional 2)  
(D)  45.5 - (Optional 1)

**Question No.92**

1.00

Bookmark 

Which of the following is divided by 24?

- (A)  884307 - (Optional 1)
- (B)  780834 - (Optional 3)
- (C)  730884 - (Optional 2)
- (D)  **780384 - (Optional 4)**

**Question No.93**

1.00

Bookmark 

What will be the height of the cuboid, if a cube of  $49\sqrt{3}$ cm is molten, the cuboid is made, whose length is equal to the arm of the cube and the width is 24.5cm? (in cm)

- (A)  102 - (Optional 4)
- (B)  **98 - (Alternative 2)**
- (C)  100 - (Optional 3)
- (D)  96 - (Optional 1)

**Question No.94**

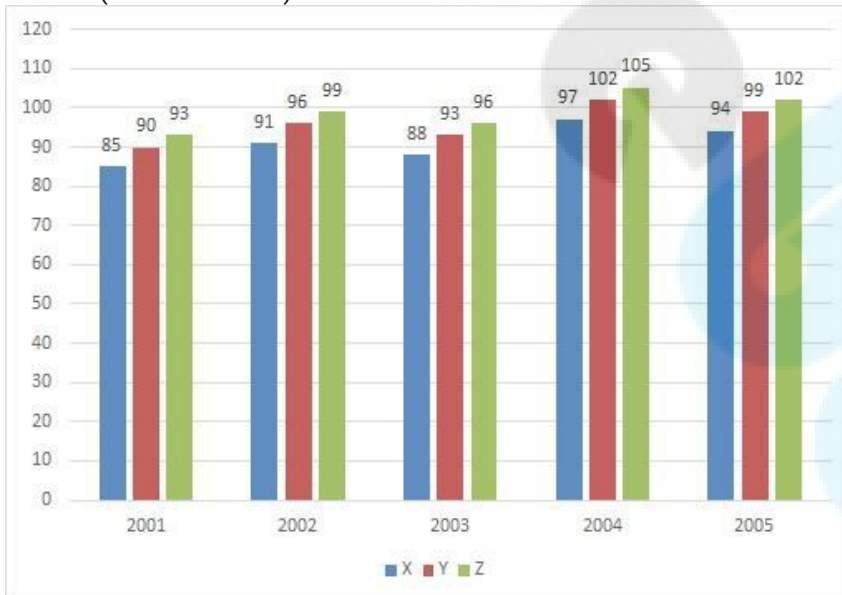
1.00

Bookmark 

Instructions:

The bar graph below shows the paper production statistics (in thousandths) by three companies X, Y and Z in the year 2001-2005.

What is the difference between the production of company Z in 2001 and the production of the company Y in 2002 (in thousandths)?



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

**Question No.95**

1.00

Bookmark 

A sum of money is distributed between Babu, Christo and David in the ratio of 5: 4: 3: 2. How much will Babu receive if Christo receives Rs.119 more from David?

- (A)  446 - (Optional 1)
- (B)  456 - (Optional 2)
-

(C) **476 - (Alternative 4)**

(D)  466 - (Alternative 3)

**Question No.96**

1.00

Bookmark

The average weight of 97 notebooks in one box is 9,7 kg. On keeping a new notebook in the box, the average is 9.8 kg. Find the weight of the new notebook (in kg).

(A)  **19.5 - (Optional 1)**

(B)  23.5 - (Optional 3)

(C)  21.5 - (Optional 2)

(D)  25.5 - (Optional 4)

**Question No.97**

1.00

Bookmark

Martin gives 13% of his income to the institution for visually impaired, 12% of income to the orphanage, 14% of the income for the physically challenged people and 16% of the income for the medical assistance. If his income from Rs. 20,025 monthly expenses are credited to the bank. Find the amount donated to the institution for visually impaired (in rupees).

(A)  5,985 - (Optional 3)

(B)  **5,785 - (Optional 1)**

(C)  5,685 - (Optional 2)

(D)  5,885 - (Optional 4)

**Question No.98**

1.00

Bookmark

Simplify:

$$((24^3)^3 \times 24^{-8}) \times ([36-8] \div 7)$$

(A)  27 - (Optional 4)

(B)  **96 - (Optional 1)**

(C)  124 - (Optional 2)

(D)  46 - (Optional 3)

**Question No.99**

1.00

Bookmark

One box of gifts has 10 bangles, in which the average weight of 4 bangles is 76 grams and the average weight of the remaining 6 bangles is 77 grams. Find the average weight of the total bangles (in the village).

(A)  75.6 - (Optional 3)

(B)  73.6 - (Optional 1)

(C)  74.6 - (Optional 2)

(D)  **76.6 - (Optional 4)**

**Question No.100**

1.00

Bookmark

In one box, three different types of old coins are in the ratio of 3: 5: 7. The value of old coins is 1 rupee, 5 rupees and 10 rupees respectively. If the total value of box coins is Rs. 2,842, Find the number of coins of 10 rupees.



- (A)  223 - (Optional 3)
- (B)  213 - (Alternative 2)
- (C)  233 - (Alternative 4)
- (D)  **203 - (Alternative 1)**

**Question No.101**

1.00

Bookmark

Simplify:

$$\sqrt{(1635 - \sqrt{(1200 + \sqrt{(675 - \sqrt{2500}))})})}$$

- (A)  34 - (Optional 1)
- (B)  54 - (Alternative 2)
- (C)  45 - (Optional 4)
- (D)  **40 - (Optional 3)**

**Question No.102**

1.00

Bookmark

A man completes his journey in 9.5 hours. It decides half of the journey 20 kmph and the rest half trip at 30 kmph. Find the total distance traveled. (in km)

- (A)  231 - (Alternative 4)
- (B)  229 - (Alternative 2)
- (C)  **228 - (Optional 1)**
- (D)  230 - (Alternative 3)

**Question No.103**

1.00

Bookmark

The number of people working in a field increases by 19% and their pay per cent decreases by 19%. If the result is a loss of X% in the total salary, then find the value of X.

- (A)  3.71 - (Optional 1)
- (B)  **3.61 - (Optional 2)**
- (C)  3.41 - (Optional 4)
- (D)  3.51 - (Optional 3)

**Question No.104**

1.00

Bookmark

A sum of money is doubled in 7 years at the compound interest rate. In how many years will it be 243 times its actual value? (in years)

- (A)  41 - (Optional 3)
- (B)  **35 - (Optional 1)**
- (C)  38 - (Alternative 2)
- (D)  44 - (Alternative 4)

**Question No.105**

1.00

Bookmark

In a mixture of 203 liters, the ratio of milk and water is 3: 4. If the ratio is 3: 5, then how much extra amount of water will be mixed (in liters).

- (A)  27 - (Optional 1)  
(B)  31 - (Optional 3)  
(C)  29 - (Optional 2)  
(D)  33 - (Optional 4)

**Question No.106**

1.00

Bookmark

Rs. The damage done on sale in 385 to Rs. The profit received on sale in 721 is 60%. Find the cost of the item (in Rs.).

- (A)  511 - (Optional 4)  
(B)  411 - (Alternative 3)  
(C)  211 - (Alternative 2)  
(D)  111 - (Optional 1)

**Question No.107**

1.00

Bookmark

A 185 meter long train runs at 54 kmph and crosses a bridge in 37 seconds. Find the length of the bridge. (in m)

- (A)  260 - (Optional 1)  
(B)  390 - (Optional 4)  
(C)  370 - (Alternative 2)  
(D)  290 - (Optional 3)

**Question No.108**

1.00

Bookmark

$X = 0.783333 \dots$ , find different value of X.

- (A)   $725/900$  - (Optional 3)  
(B)   $705/900$  - (Optional 1)  
(C)   $705/990$  - (Optional 2)  
(D)   $725/990$  - (Alternative 4)

**Question No.109**

1.00

Bookmark

For two years, for two years, compounding and investing at the same interest rates of ordinary interest, the difference in interest is Rs.270. If interest rate is 6% per annum, then find out the amount invested (in rupees).

- (A)  70,000 - (Optional 1)  
(B)  77,500 - (Optional 4)  
(C)  75,000 - (Optional 3)  
(D)  72,500 - (Optional 2)

**Question no.110**

1.00

Bookmark

Anita runs a distance of  $9/10$  the speed of her usual speed and takes 29 minutes more than usual time. Find the normal time taken. (in a minute)

- (A)  271 - (Alternative 4)  
(B)  241 - (Optional 1)  
(C)  261 - (Alternative 3)  
(D)

(D) 251 - (Alternative 2)

**Question No.111**

1.00

Bookmark

The smallest number of two numbers (LCM) is 48 and their maximum consonant (HCF) is 8. Find a second number given the second number.

- (A)  16 - (Optional 2)  
(B)  36 - (Optional 4)  
(C)  12 - (Optional 1)  
(D)  24 - (Optional 3)

**Question no.112**

1.00

Bookmark

Anil received 74 marks out of 120 in French, 90 in 130 in English, 36 in 70 in Spanish and 40 in the Japanese language. What is the total score earned by him?

- (A)  60 - (Optional 3)  
(B)  55 - (Alternative 2)  
(C)  65 - (Alternative 4)  
(D)  50 - (Optional 1)

**Question No.113**

1.00

Bookmark

Simplify:

$$125 - [2^2 + 7^2 + \sqrt{(92 - 121 \div 11 [16 \times 16 \div 256])}]$$

- (A)  63 - (Alternative 4)  
(B)  54 - (Alternative 2)  
(C)  38 - (Optional 3)  
(D)  120 - (Optional 1)

**Question No.114**

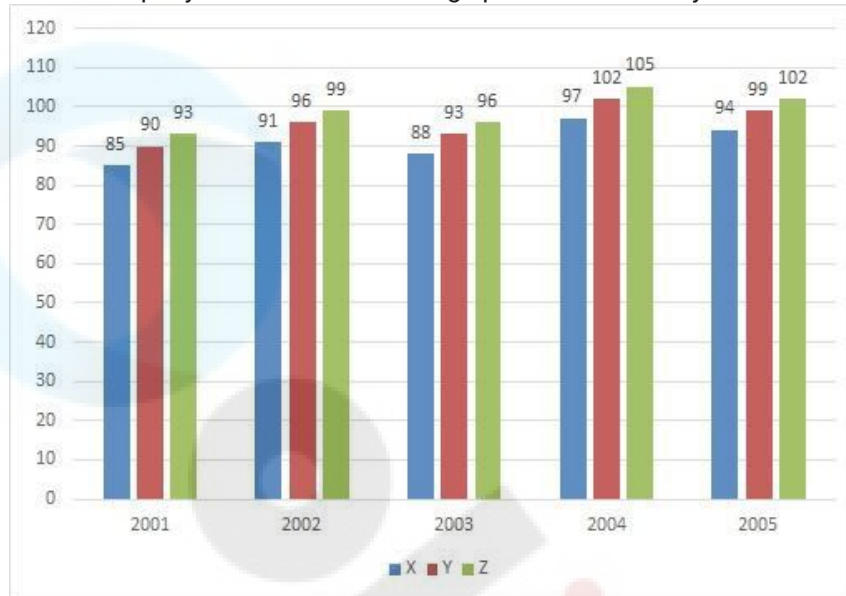
1.00

Bookmark

Instructions:

The bar graph below shows the paper production statistics (in thousandths) by three companies X, Y and Z in the year 2001-2005.

Which company had the lowest average production in five years?



- (A)  X - (Optional 1)  
(B)  Y - (Alternative 2)  
(C)  Z - (Optional 3)  
(D)  None of them - (Optional 4)

Question No.115

1.00

Bookmark

How much will the remainder be divided if the number 54278 divided by 9?

- (A)  5 - (Optional 1)  
(B)  0 - (Optional 4)  
(C)  4 - (Optional 2)  
(D)  8 - (Optional 3)

Question no.116

1.00

Bookmark

Find the value of X:

$$\sqrt{(600-x)} = \sqrt{(597-\sqrt{441})}$$

- (A)  24 - (Optional 2)  
(B)  243 - (Alternative 3)  
(C)  127 - (Optional 4)  
(D)  26 - (Optional 1)

Question No.117

1.00

Bookmark

The sale price of an item is Rs.2,124 after the commencement of 10% and 20% of the commencement. If the cost value is 50% of face value then how much is the cost value (in Rs.)?

- (A)  1,675 - (Optional 3)  
(B)  1,775 - (Optional 4)  
(C)  1,475 - (Optional 1)

(D)  1,575 - (Optional 2)

**Question no.118**

1.00

Bookmark

The sum of three numbers is 261. The ratio of the second number to the second number is 2: 3 and between the second and third numbers, this ratio is 3: 4, find the second number.

- (A)  **87 - (Optional 1)**  
(B)  90 - (Alternative 4)  
(C)  89 - (Optional 3)  
(D)  88 - (Alternative 2)

**Question No.119**

1.00

Bookmark

There are 217 men and 217 women workers in the support project of an English based company. The total productivity of all personnel is 85 calls per day. The average number of calls received per day by a male worker is 85. What is the average call number received by a female worker every day?

- (A)  87 - (Optional 4)  
(B)  86 - (Optional 3)  
(C)  84 - (Alternative 1)  
(D)  **85 - (Alternative 2)**

**Question No.120**

1.00

Bookmark

A bulb manufacturer found that 19% of the total product is faulty. If the number of lossless products is 2349 then find out the number of defective products.

- (A)  552 - (Alternative 2)  
(B)  554 - (Alternative 4)  
(C)  553 - (Optional 3)  
(D)  **551 - (Optional 1)**