

# **RPF Constable**

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Feb 2019**

**Adda247**

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Examination: Online Examination - Constable

## Section 1 - Online Examination

## Question No.1

1.00

Bookmark 

The average salinity of oceans is

- (A)  50 parts per thousand - (Alternative 3 )
- (B)  24 parts per thousand - (Alternative 1 )
- (C)  10 parts per thousand - (Alternative 4 )
- (D)  **35 parts per thousand - (Alternative 2 )**

## Question No.2

1.00

Bookmark 

The Abolition of Untouchability comes under which fundamental right of Indian constitution?

- (A)  Right against Exploitation - (Alternative 3 )
- (B)  Right to life - (Alternative 1 )
- (C)  **Right to Equality - (Alternative 2 )**
- (D)  Right to freedom of religion - (Alternative 4 )

## Question No.3

1.00

Bookmark 

Who was called as the "Father of Local Self Government" in India?

- (A)  Lord Lytton - (Alternative 2 )
- (B)  Lord Wellesley - (Alternative 4 )
- (C)  **Lord Ripon - (Alternative 1 )**
- (D)  Lord Curzon - (Alternative 3 )

## Question No.4

1.00

Bookmark 

The term socialist in the Preamble was added in which amendment of the Indian Constitution?

- (A)  **42nd amendment - (Alternative 3 )**
- (B)  10th amendment - (Alternative 1 )
- (C)  44th amendment - (Alternative 2 )
- (D)  24th amendment - (Alternative 4 )

## Question No.5

1.00

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The traditional glove puppet show Pavakoothu belongs to \_\_\_\_\_

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

## Question No.6

1.00

Bookmark 

Kimberley in South Africa is famous for

- (A)  **Diamonds - (Alternative 4 )**
- (B)  Iron ore - (Alternative 2 )
- (C)  Fishery - (Alternative 3 )

(D)  Platinum - (Alternative 1 )

**Question No.7**

1.00

Bookmark 

On whose advice, Gandhi spent a year travelling around British India to know the land and its people?

- (A)  Dadabhai Naoroji - (Alternative 4 )  
(B)  Bal Gangadhar Tilak - (Alternative 3 )  
(C)  Lala Lajpat Rai - (Alternative 1 )  
(D)  Gopal Krishna Gokhale - (Alternative 2 )

**Question No.8**

1.00

Bookmark 

Which of the following dynasty was credited with the construction of Pancha Rathas in Mahabalipuram?

- (A)  Cholas - (Alternative 3 )  
(B)  Kalabhras - (Alternative 4 )  
(C)  Pandyas - (Alternative 2 )  
(D)  Pallavas - (Alternative 1 )

**Question No.9**

1.00

Bookmark 

Wembley Stadium in London is famously known for which of the following games/sports?

- (A)  Boxing - (Alternative 3 )  
(B)  Volleyball - (Alternative 2 )  
(C)  Football - (Alternative 1 )  
(D)  Equestrian - (Alternative 4 )

**Question No.10**

1.00

Bookmark 

Who solemnly resolved the Indian Constitution?

- (A)  We, The People of India - (Alternative 3 )  
(B)  Members of the Constituent Assembly - (Alternative 1 )  
(C)  Members of the Parliament - (Alternative 2 )  
(D)  Members of the Legislative Assembly - (Alternative 4 )

**Question No.11**

1.00

Bookmark 

Who said 'Home Rule is my birthright and I shall have it'?

- (A)  Annie Besant - (Alternative 2 )  
(B)  Bal Gangadhar Tilak - (Alternative 4 )  
(C)  Dadabhai Naoroji - (Alternative 1 )  
(D)  Lala Lajpat Rai - (Alternative 3 )

**Question No.12**

1.00

Bookmark 

With an increase in altitude, the atmospheric pressure

- (A)  Decreases - (Alternative 3 )  
(B)  will be uniform - (Alternative 4 )  
(C)  Stays constant - (Alternative 2 )  
(D)  Increases - (Alternative 1 )

**Question No.13**

1.00

Bookmark 

NITI Aayog was set up in the year

- (A)  2015 - (Alternative 3 )
- (B)  2013 - (Alternative 1 )
- (C)  2016 - (Alternative 4 )
- (D)  2014 - (Alternative 2 )

## Question No.14

1.00

Bookmark 

The target group for Annapurna Scheme (APS) is

- (A)  Poorest of the Poor - (Alternative 1 )
- (B)  Indigent Senior Citizens - (Alternative 2 )
- (C)  All children between 0 to 6 years - (Alternative 3 )
- (D)  None of the above - (Alternative 4 )

## Question No.15

1.00

Bookmark 

Duleep Trophy is associated with which of the following games/sports?

- (A)  Volleyball - (Alternative 3 )
- (B)  Football - (Alternative 2 )
- (C)  Cricket - (Alternative 1 )
- (D)  Kho Kho - (Alternative 4 )

## Question No.16

1.00

Bookmark 

Who among the following gave the famous speech at Parliament of World Religions in Chicago in 1893?

- (A)  Sardar Vallabhbhai Patel - (Alternative 4 )
- (B)  Jawaharlal Nehru - (Alternative 3 )
- (C)  Swami Vivekananda - (Alternative 2 )
- (D)  Mahatma Gandhi - (Alternative 1 )

## Question No.17

1.00

Bookmark 

What type of Justice is guaranteed in the preamble of the Constitution of India?

- (A)  Social, Economic and Political Justice - (Alternative 1 )
- (B)  Liberty - (Alternative 3 )
- (C)  Equality - (Alternative 2 )
- (D)  Fraternity - (Alternative 4 )

## Question No.18

1.00

Bookmark 

Who won the French Open Men's Singles Grand Slam Title in 2017?

- (A)  Stan Wawrinka - (Alternative 1 )
- (B)  Andy Murray - (Alternative 3 )
- (C)  Rafael Nadal - (Alternative 4 )
- (D)  Marin Cilic - (Alternative 2 )

## Question No.19

1.00

Bookmark 

"The Race of My Life" is the autobiography of

- (A)  Milkha Singh - (Alternative 3 )
- (B)  Makhan Singh - (Alternative 4 )
- (C)

- (C) Amrit Pal - (Alternative 2 )  
(D)  Ajmer Singh - (Alternative 1 )

**Question No.20**

1.00

Bookmark 

A significant step towards providing elementary education to all children in the age group of 6-14 years by 2010 was

- (A)  **Sarva Shiksha Abhiyan - (Alternative 1 )**  
(B)  Prime Minister's twenty point programme - (Alternative 4 )  
(C)  Bridge courses - (Alternative 3 )  
(D)  Right to Information - (Alternative 2 )

**Question No.21**

1.00

Bookmark 

Who gave the title "Raja" to Ram Mohan Rai ?

- (A)  Mohammad Shah - (Alternative 3 )  
(B)  Shah Alam II - (Alternative 2 )  
(C)  Shah Alam I - (Alternative 1 )  
(D)  **Akbar II - (Alternative 4 )**

**Question No.22**

1.00

Bookmark 

Who is the Chairman of all the Zonal Councils?

- (A)  President - (Alternative 4 )  
(B)  Governor - (Alternative 3 )  
(C)  **Union Home Minister - (Alternative 2 )**  
(D)  Prime Minister - (Alternative 1 )

**Question No.23**

1.00

Bookmark 

When was the capital transferred from Calcutta to Delhi in British India?

- (A)  1919 - (Alternative 3 )  
(B)  1923 - (Alternative 4 )  
(C)  1915 - (Alternative 2 )  
(D)  **1911 - (Alternative 1 )**

**Question No.24**

1.00

Bookmark 

Which of the following represents a group of similar cells performing a specific function?

- (A)  Organelles - (Alternative 3 )  
(B)  Plasmids - (Alternative 2 )  
(C)  Cytoplasm - (Alternative 4 )  
(D)  **Tissues - (Alternative 1 )**

**Question No.25**

1.00

Bookmark 

What is the duration of Panchayats?

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

**Question No.26**

1.00

Bookmark 

Which state is the major producer of mulberry silk in India (Currently)?

- (A)  Punjab - (Alternative 4 )  
(B)  **Karnataka - (Alternative 1 )**  
(C)  Rajasthan - (Alternative 2 )  
(D)  Gujarat - (Alternative 3 )

**Question No.27**

1.00

Bookmark 

Which one of the following aims at securing and enhancing the rights and entitlements of persons with disabilities?

- (A)  Disability Act 1995 - (Alternative 2 )  
(B)  Convention of rights of persons with disabilities - (Alternative 4 )  
(C)  **Rights of Persons with Disabilities Act,2016 - (Alternative 1 )**  
(D)  Sugamya Bharat Abhiyan - (Alternative 3 )

**Question No.28**

1.00

Bookmark 

Which term was replaced instead of "Unity of the Nation" in the Preamble of the Indian Constitution?

- (A)  Harmony of the Nation - (Alternative 3 )  
(B)  Equality of the Nation - (Alternative 1 )  
(C)  Fraternity of the Nation - (Alternative 2 )  
(D)  **Unity and Integrity of the Nation - (Alternative 4 )**

**Question No.29**

1.00

Bookmark 

Which of the following quantities have Newton (N) as their SI Unit?

- (A)  **Weight and Force - (Alternative 2 )**  
(B)  Impulse and Inertia - (Alternative 3 )  
(C)  Momentum and Acceleration - (Alternative 4 )  
(D)  Velocity and Acceleration - (Alternative 1 )

**Question No.30**

1.00

Bookmark 

Which of the following is a factor determining the climate of India?

- (A)  Latitude - (Alternative 1 )  
(B)  The Himalayan Mountains - (Alternative 2 )  
(C)  Distribution of Land and Water - (Alternative 3 )  
(D)  **All the above - (Alternative 4 )**

**Question No.31**

1.00

Bookmark 

Which one of these are created for the administration of big cities?

- (A)  Zonal Council - (Alternative 3 )  
(B)  **Municipal Corporation - (Alternative 1 )**  
(C)  Municipality - (Alternative 2 )  
(D)  Panchayat - (Alternative 4 )

**Question No.32**

1.00

Bookmark 

Which of the following tissues gives stiffness to the plants?

- (A)  Parenchyma - (Alternative 2 )  
(B)  Collenchyma - (Alternative 1 )

- (C)  **Sclerenchyma - (Alternative 4 )**  
(D)  Epithelial tissue - (Alternative 3 )

**Question No.33**

1.00

Bookmark 

The Nagarjuna Sagar Project is constructed across the river

- (A)  Narmada - (Alternative 1 )  
(B)  Tapi - (Alternative 2 )  
(C)  Mahanadi - (Alternative 4 )  
(D)  **Krishna - (Alternative 3 )**

**Question No.34**

1.00

Bookmark 

Which of the following converts pressure vibrations from the sound waves into electrical signals inside the human ear?

- (A)  Pinna - (Alternative 2 )  
(B)  Tympanic membrane - (Alternative 4 )  
(C)  **Cochlea - (Alternative 3 )**  
(D)  Anvil - (Alternative 1 )

**Question No.35**

1.00

Bookmark 

"Albert Park Circuit", "Monaco Circuit" and "Canadian Grand Prix" are associated with which of the following games/sports?

- (A)  Cycling - (Alternative 1 )  
(B)  Marathon - (Alternative 4 )  
(C)  **Car racing - (Alternative 2 )**  
(D)  Mountain Biking - (Alternative 3 )

**Question No.36**

1.00

Bookmark 

Which one of the following states is also known as "Molasses basin"?

- (A)  Assam - (Alternative 1 )  
(B)  Nagaland - (Alternative 2 )  
(C)  **Mizoram - (Alternative 4 )**  
(D)  Manipur - (Alternative 3 )

**Question No.37**

1.00

Bookmark 

Which of the following is a colourless gas with the smell of rotten eggs?

- (A)  tert-butyl mercaptan - (Alternative 3 )  
(B)  **Hydrogen Sulphide - (Alternative 4 )**  
(C)  ethyl mercaptan - (Alternative 1 )  
(D)  Fructose - (Alternative 2 )

**Question No.38**

1.00

Bookmark 

Which day was observed as "Direct Action Day" by Jinnah?

- (A)  16th August, 1944 - (Alternative 1 )  
(B)  16th July, 1945 - (Alternative 2 )  
(C)  16th July, 1947 - (Alternative 4 )  
(D)  **16th August, 1946 - (Alternative 3 )**



<b>Question No.39</b>	1.00
Which of the following ranges is a part of Kashmir Himalayas? (A) <input type="radio"/> <b>Karakoram - (Alternative 1 )</b> (B) <input type="radio"/> Mahabharata - (Alternative 2 ) (C) <input type="radio"/> Nag Tibba - (Alternative 3 ) (D) <input type="radio"/> Mishmi hills - (Alternative 4 )	<b>Bookmark</b> <input type="checkbox"/>
<b>Question No.40</b>	1.00
Maximum land is devoted for which one of the following purposes in India? (A) <input type="radio"/> Culturable Waste - (Alternative 4 ) (B) <input type="radio"/> Industries - (Alternative 2 ) (C) <input type="radio"/> Permanent Pastures - (Alternative 3 ) (D) <input type="radio"/> <b>Agriculture - (Alternative 1 )</b>	<b>Bookmark</b> <input type="checkbox"/>
<b>Question No.41</b>	1.00
Who won the Golden Boot in FIFA World Cup 2018? (A) <input type="radio"/> Wayne Rooney - (Alternative 2 ) (B) <input type="radio"/> Thomas Muller - (Alternative 1 ) (C) <input type="radio"/> <b>Harry Kane - (Alternative 3 )</b> (D) <input type="radio"/> Neymar - (Alternative 4 )	<b>Bookmark</b> <input type="checkbox"/>
<b>Question No.42</b>	1.00
What is the chemical formula of marble? (A) <input type="radio"/> <b>CaCO<sub>3</sub> - (Alternative 2 )</b> (B) <input type="radio"/> SiO <sub>2</sub> - (Alternative 3 ) (C) <input type="radio"/> FeSO <sub>4</sub> - (Alternative 1 ) (D) <input type="radio"/> CaO - (Alternative 4 )	<b>Bookmark</b> <input type="checkbox"/>
<b>Question No.43</b>	1.00
The amount of heat energy produced on complete combustion of 1 kg of a fuel is called its _____ (A) <input type="radio"/> thermal capacity - (Alternative 3 ) (B) <input type="radio"/> specific heat capacity - (Alternative 4 ) (C) <input type="radio"/> metacritic value - (Alternative 2 ) (D) <input type="radio"/> <b>calorific value - (Alternative 1 )</b>	<b>Bookmark</b> <input type="checkbox"/>
<b>Question No.44</b>	1.00
Which one of the following planets is also known as 'Red Planet'? (A) <input type="radio"/> Neptune - (Alternative 4 ) (B) <input type="radio"/> Jupiter - (Alternative 2 ) (C) <input type="radio"/> <b>Mars - (Alternative 1 )</b> (D) <input type="radio"/> Saturn - (Alternative 3 )	<b>Bookmark</b> <input type="checkbox"/>
<b>Question No.45</b>	1.00
Which of the following constellations is called Saptarishi? (A) <input type="radio"/> <b>Ursa Major - (Alternative 1 )</b> (B) <input type="radio"/> Leo Major - (Alternative 2 )	<b>Bookmark</b> <input type="checkbox"/>

- (C)  Orion - (Alternative 4 )  
(D)  Cassiopeia - (Alternative 3 )

**Question No.46**

1.00

Bookmark 

The new Sustainable development goals of the United Nations (UN) proposes ending poverty of all types by

- (A)  2021 - (Alternative 4 )  
(B)  2025 - (Alternative 3 )  
(C)  2020 - (Alternative 1 )  
(D)  **2030 - (Alternative 2 )**

**Question No.47**

1.00

Bookmark 

An ordinance passed by the President ceases to operate \_\_\_\_\_ from the reassembly of Parliament.

- (A)  on the expiry of six months - (Alternative 3 )  
(B)  by end of the session - (Alternative 2 )  
(C)  on starting week - (Alternative 1 )  
(D)  **on the expiry of six weeks - (Alternative 4 )**

**Question No.48**

1.00

Bookmark 

In which of the following states, a martial art form called Paika akhada is performed?

- (A)  **Odisha - (Alternative 3 )**  
(B)  Andhra Pradesh - (Alternative 2 )  
(C)  Kerala - (Alternative 1 )  
(D)  Uttar Pradesh - (Alternative 4 )

**Question No.49**

1.00

Bookmark 

The Lok Adalat is based on

- (A)  Capitalism - (Alternative 4 )  
(B)  Socialism - (Alternative 3 )  
(C)  **Gandhian principles - (Alternative 1 )**  
(D)  Marxism - (Alternative 2 )

**Question No.50**

1.00

Bookmark 

The transformation of the larva into an adult through drastic changes is called \_\_\_\_\_

- (A)  Metagenesis - (Alternative 1 )  
(B)  **Metamorphosis - (Alternative 2 )**  
(C)  Catagenesis - (Alternative 3 )  
(D)  Bionics - (Alternative 4 )

**Question No.51**

1.00

Bookmark 

In this question, two statements are given followed by two conclusions numbered i and ii. You have to assume everything in the statements to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statements.

Statements: All parrots are doves. All birds are doves.

Conclusions:

- i) Some parrots are birds.
- ii) Some birds are doves.

Choose the appropriate one from the following options

- (A) Only conclusion i follows
- (B) Only conclusion ii follows
- (C) Either i or ii follows
- (D) Neither i nor ii follows
- (E) Both i and ii follow.
- (A)  C - (Alternative 3 )
- (B)  A - (Alternative 1 )
- (C)  E - (Alternative 4 )
- (D)  B - (Alternative 2 )

**Question No.52**

1.00

Bookmark

Read the following statements and answer the following question.

- A4B means A is the husband of B
- A3B means A is the wife of B
- A5B means A is the son of B
- A7B means A is the daughter of B

In the equation P4Q7R4S, how is S's mother related to P's wife?

- (A)  Aunt - (Alternative 2 )
- (B)  Granddaughter - (Alternative 3 )
- (C)  Grandmother - (Alternative 1 )
- (D)  Daughter - (Alternative 4 )

**Question No.53**

1.00

Bookmark

Find the next number in the series.  
4, 9, 17, 35, 69, ?

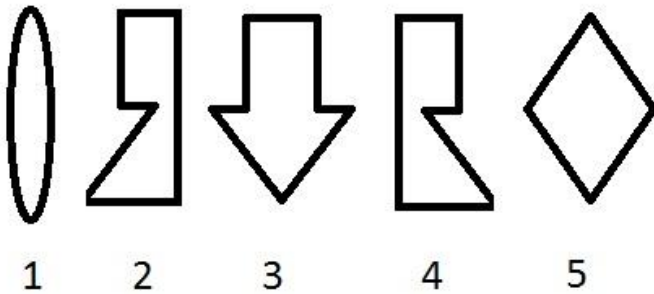
- (A)  140 - (Alternative 3 )
- (B)  139 - (Alternative 1 )
- (C)  141 - (Alternative 4 )
- (D)  138 - (Alternative 2 )

**Question No.54**

1.00

Bookmark

Select the correct alternative from the following options which can form a complete square (3 out of 5 images given below) :



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

(D)  1,4 and 5 - (Alternative 1 )

**Question No.55**

1.00

Bookmark

Replace the question mark with an option that follows the same logic applied in the first pair  
Author:Book::Poet: ??

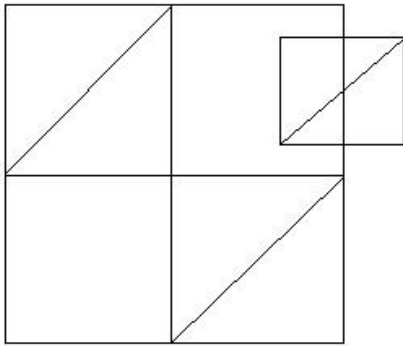
- (A)  Prose - (Alternative 4 )
- (B)  Editor - (Alternative 1 )
- (C)  Verse - (Alternative 2 )
- (D)  Novelist - (Alternative 3 )

**Question No.56**

1.00

Bookmark

How many Right angled triangles can be formed from the given figure?



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

**Question No.57**

1.00

Bookmark

Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

Divide, Split, cut, Bisect, Join

- (A)  Divide - (Alternative 4 )
- (B)  Split - (Alternative 2 )
- (C)  Bisect - (Alternative 3 )
- (D)  Join - (Alternative 1 )

**Question No.58**

1.00

Bookmark

In a certain code language, if HILL is coded as 891212, then how is KICK coded in that language?

- (A)  119311 - (Alternative 4 )
- (B)  118311 - (Alternative 2 )
- (C)  129312 - (Alternative 1 )
- (D)  831111 - (Alternative 3 )

**Question No.59**

1.00

Bookmark

Read the given information carefully and answer the questions that follow.

There are 5 students in a class A,B,C,D & E. Among them 3 are girls and 2 are boys. They sit on

three rows 1, 2 and 3 such that atleast 1 person on each bench and atleast one girl on each bench.

- i) A doesn't sit with his sister E.
- ii) B doesn't sit with either A or E who doesn't sit alone in a row.
- iii) C doesn't sit with her friend B.
- iv) Row 3 has only one person and E doesn't sit in row 1.

Which of the following statements is false with respect to the arrangement?

- (A)  A sits in row 3 - (Alternative 2 )
- (B)  D is a boy - (Alternative 3 )
- (C)  E sits with D in row 2 - (Alternative 1 )
- (D)  A and D sit in different rows - (Alternative 4 )

**Question No.60**

1.00

 Bookmark 

In this question, a passage is given followed by a statement. Read the passage carefully and judge the statement based on the given passage.

Scientists have discovered over 100 new exoplanets using data from NASA's Kepler Space telescope as well as ground-based observatories. The diverse planets are expected to play a large role in developing the research field of exoplanets and life in the Universe. Exoplanets, which revolve around stars other than the Sun, have been actively researched in recent years. One of the reasons is the success of the Kepler Space Telescope, which was launched to search for exoplanets. If a planet crosses in front of its parent star, then the observed brightness of the star drops by a small amount. The Kepler Space Telescope detected many exoplanets using this method. However, such dimming phenomena could be caused by other reasons.

The Kepler space telescope experienced mechanical trouble in 2013(exactly after four years since it's been launched), which led to a successor mission called K2. Scientists investigated 227 K2 exoplanet candidates using other space telescopes and ground-based telescopes. They confirmed that 104 of them are really exoplanets. Seven of the confirmed exoplanets have ultra-short orbital periods less than 24 hours. The formation process of exoplanets with such short orbital periods is still unclear. Further study of these ultra-short period planets will help to advance research into the processes behind their formation.

Statement: The success of the Kepler Space telescope is one of the reasons because of which the exoplanets are being researched vigorously.

Choose the appropriate one from the following options

- A - The statement is definitely true.
  - B -The statement is probably true.
  - C -The statement cannot be determined.
  - D -The statement is definitely false.
- (A)  B - (Alternative 2 )
  - (B)  A - (Alternative 1 )
  - (C)  C - (Alternative 3 )
  - (D)  D - (Alternative 4 )

**Question No.61**

1.00

 Bookmark 

In a certain code language, if CLEAN is coded as QDHOF, then how is IMAGE coded in that language?

- (A)  HJPD L - (Alternative 2 )
- (B)  LPDJH - (Alternative 4 )
- (C)  HJDPL - (Alternative 1 )
- (D)  LPJDH - (Alternative 3 )

**Question No.62**

1.00

 Bookmark 

Find the next number in the series.  
33, 35, 39, 47, 63, ?

- (A)  93 - (Alternative 1 )
- (B)  97 - (Alternative 3 )
- (C)  99 - (Alternative 4 )
- (D)  **95 - (Alternative 2 )**

**Question No.63**

1.00

Bookmark

Read the given information carefully and answer the questions that follow.  
 There are 5 students in a class A,B,C,D & E. Among them 3 are girls and 2 are boys. They sit on three rows 1, 2 and 3 such that atleast 1 person on each bench and atleast one girl on each bench.

- i) A doesn't sit with his sister E.
- ii) B doesn't sit with either A or E who doesn't sit alone in a row.
- iii) C doesn't sit with her friend B.
- iv) Row 3 has only one person and E doesn't sit in row 1.

Who sits alone in the row?

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

**Question No.64**

1.00

Bookmark

Replace the question mark with an option that follows the same logic applied in the first pair  
 225:20::352: ??

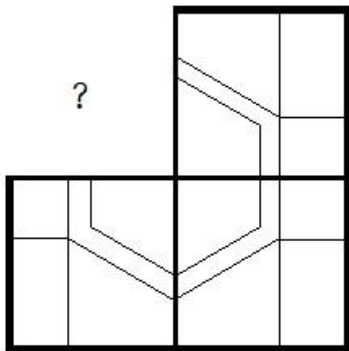
- (A)  **30 - (Alternative 4 )**
- (B)  29 - (Alternative 3 )
- (C)  27 - (Alternative 2 )
- (D)  25 - (Alternative 1 )

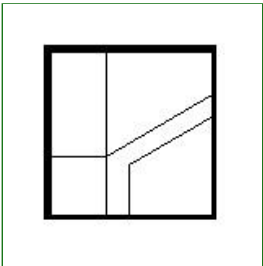
**Question No.65**

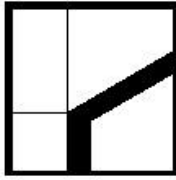
1.00

Bookmark

Choose the correct alternative which will complete the image pattern of the given image.

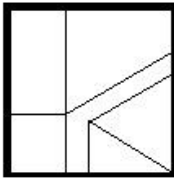


- (A)   - (Alternative 3 )
- (B)



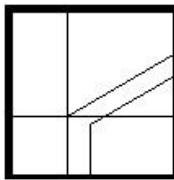
- (Alternative 1 )

(C)



- (Alternative 4 )

(D)



- (Alternative 2 )

Question No.66

1.00

Bookmark

Choose the correct water image of the given question from the given options.

SWEDEN

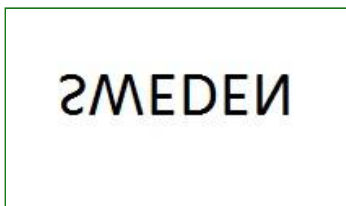


(A)

ƆWƎƆEN

- (Alternative 2 )

(B)



- (Alternative 4 )

(C)

ƆWƎƆEN

- (Alternative 3 )

(D)

## 2MED3N

- (Alternative 1 )

## Question No.67

1.00

Bookmark 

In this question, a statement is given followed by two conclusions numbered i and ii. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Statement: The residents in Jane's place should economise on water during summers only.

Conclusions:

- i) The residents in Jane's place may face water scarcity during summers.
- ii) The residents in Jane's place will have sufficient water during winters.

Choose the appropriate one from the following options

- (A) Only conclusion i follows
  - (B) Only conclusion ii follows
  - (C) Either i or ii follows
  - (D) Neither i nor ii follows
  - (E) Both i and ii follow.
- (A)  C - (Alternative 3 )
- (B)  B - (Alternative 2 )
- (C)  **E - (Alternative 4 )**
- (D)  A - (Alternative 1 )

## Question No.68

1.00

Bookmark 

Replace the question mark with an option that follows the same logic applied in the first pair  
F:N::R: ??

- (A)  Y - (Alternative 2 )
- (B)  W - (Alternative 4 )
- (C)  X - (Alternative 1 )
- (D)  **Z - (Alternative 3 )**

## Question No.69

1.00

Bookmark 

In this question, a passage is given followed by a statement. Read the passage carefully and judge the statement based on the given passage.

Scientists have discovered over 100 new exoplanets using data from NASA's Kepler Space telescope as well as ground-based observatories. The diverse planets are expected to play a large role in developing the research field of exoplanets and life in the Universe. Exoplanets, which revolve around stars other than the Sun, have been actively researched in recent years. One of the reasons is the success of the Kepler Space Telescope, which was launched to search for exoplanets. If a planet crosses in front of its parent star, then the observed brightness of the star drops by a small amount. The Kepler Space Telescope detected many exoplanets using this method. However, such dimming phenomena could be caused by other reasons.

The Kepler space telescope experienced mechanical trouble in 2013(exactly after four years since it's been launched), which led to a successor mission called K2. Scientists investigated 227 K2 exoplanet candidates using other space telescopes and ground-based telescopes. They confirmed that 104 of them are really exoplanets. Seven of the confirmed exoplanets have ultra-short orbital periods less than 24 hours. The formation process of exoplanets with such short orbital periods is still unclear. Further study of these ultra-short period planets will help to advance research into the processes behind their formation.



Statement: Exoplanets revolve around the Sun.

Choose the appropriate one from the following options

- A - The statement is definitely true.
  - B - The statement is probably true.
  - C - The statement cannot be determined.
  - D - The statement is definitely false.
- (A)  D - (Alternative 4 )
- (B)  C - (Alternative 3 )
- (C)  A - (Alternative 1 )
- (D)  B - (Alternative 2 )

**Question No.70**

1.00

Bookmark

Replace the question mark with an option that follows the same logic applied in the first pair  
Speech:Dumb::Light: ??

- (A)  Deaf - (Alternative 2 )
- (B)  Sun - (Alternative 3 )
- (C)  Blind - (Alternative 1 )
- (D)  Bright - (Alternative 4 )

**Question No.71**

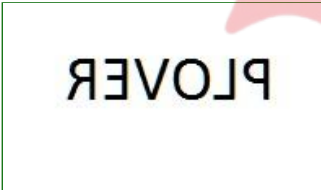



1.00

Bookmark

If a mirror is placed on the shaded line, then which of the following options is the right image of the given figure?

PLOVER



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

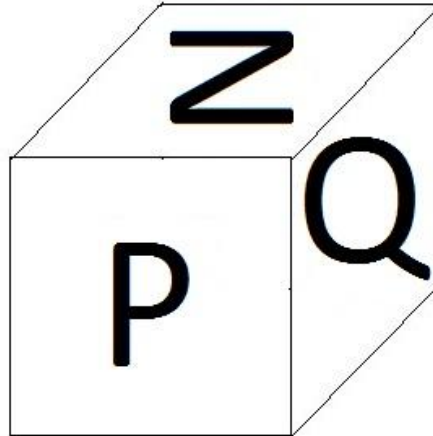
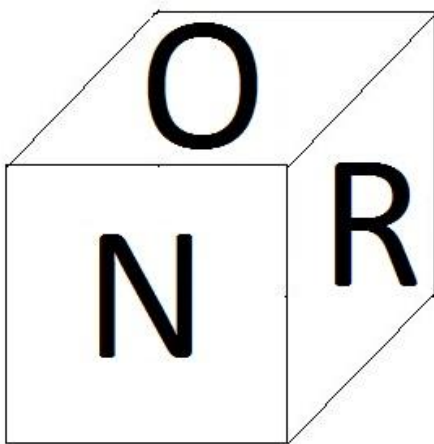
**Question No.72**

1.00

Bookmark

Each face of the dice is printed with 6 letters M, N, O, P, Q and R as shown in the given figure,

What letter is printed on the face opposite to letter Q?



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

Telegram- @toptgk

**Question No.73**

1.00

Bookmark

Read the given information carefully and answer the questions that follow.

There are 5 students in a class A,B,C,D & E. Among them 3 are girls and 2 are boys. They sit on three rows 1, 2 and 3 such that atleast 1 person on each bench and atleast one girl on each bench.

- i) A doesn't sit with his sister E.
- ii) B doesn't sit with either A or E who doesn't sit alone in a row.
- iii) C doesn't sit with her friend B.
- iv) Row 3 has only one person and E doesn't sit in row 1.

Which of the following options has a pair of females?

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

**Question No.74**

1.00

Bookmark

Find the next number in the series.

7, 7, 14, 42, 168, ?

- (A)  840 - (Alternative 4 )
- (B)  820 - (Alternative 2 )
- (C)  830 - (Alternative 3 )
- (D)  800 - (Alternative 1 )

**Question No.75**

1.00

Bookmark

B is the son-in-law of A who is the son-in-law of C. How is B's wife related to C?

- (A)  Mother - (Alternative 3 )
- (B)  Grandmother - (Alternative 4 )
- (C)  Granddaughter - (Alternative 1 )
- (D)  Daughter - (Alternative 2 )

## Question No.76

1.00

Bookmark 

In this question, two statements showing relationship have been given, which are followed by three conclusions i, ii and iii. Assuming that the given statements are true, find out which conclusion(s) is/are definitely true.

Statements:  $C = L > O \geq S$ ;  $S > I \leq N < G$

Conclusions:

i)  $L > I$

ii)  $S \leq C$

iii)  $O < N$

(A)  Only ii) - (Alternative 3 )

(B)  Only i) and ii) - (Alternative 1 )

(C)  **Only i) - (Alternative 4 )**

(D)  Only ii) and iii) - (Alternative 2 )

## Question No.77

1.00

Bookmark 

Pointing to a lady, a boy said, "She is the only daughter of my mother's husband's father-in-law's wife." How is the boy related to the lady?

(A)  Grandson - (Alternative 4 )

(B)  Niece - (Alternative 1 )

(C)  **Son - (Alternative 2 )**

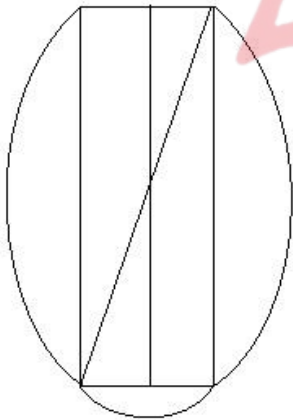
(D)  Brother - (Alternative 3 )

## Question No.78

1.00

Bookmark 

How many straight lines are there in the given figure?



(A)  12 - (Alternative 3 )

(B)  **14 - (Alternative 4 )**

(C)  10 - (Alternative 2 )

(D)  8 - (Alternative 1 )

## Question No.79

1.00

Bookmark 

Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

EC, OM, LJ, QN, US

(A)  EC - (Alternative 2 )

- (B)  LJ - (Alternative 3 )
- (C)  OM - (Alternative 1 )
- (D)  **QN - (Alternative 4 )**

**Question No.80**

1.00

Bookmark

Find the next number in the series.  
14, 21, 35, 49, 77, ?

- (A)  89 - (Alternative 4 )
- (B)  85 - (Alternative 1 )
- (C)  **91 - (Alternative 3 )**
- (D)  87 - (Alternative 2 )

**Question No.81**

1.00

Bookmark

In this question, relationship between different elements is shown in the statement. This statement is followed by two conclusions:

Statement:  $S < M = A > R \geq T$

Conclusions:

- i)  $S < A$
- ii)  $T > A$

Choose the appropriate one from the following options

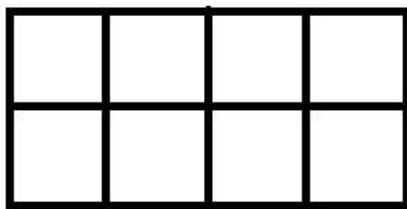
- (A) Only conclusion i follows
- (B) Only conclusion ii follows
- (C) Either i or ii follows
- (D) Neither i nor ii follows
- (E) Both i and ii follow.
- (A)  D - (Alternative 4 )
- (B)  C - (Alternative 3 )
- (C)  B - (Alternative 2 )
- (D)  **A - (Alternative 1 )**

**Question No.82**

1.00

Bookmark

How many squares are there in the given figure?



- (A)  10 - (Alternative 2 )
- (B)  13 - (Alternative 3 )
- (C)  **11 - (Alternative 1 )**
- (D)  8 - (Alternative 4 )

**Question No.83**

1.00

Bookmark

In this question, three statements are given followed by three conclusions. You have to assume everything in the statement to be true, then consider the given conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the

statements.

Statements: Some girls are ladies. All girls are women. All ladies are females.

Conclusions:

- i) Some women are girls
- ii) Some girls are females
- iii) Some women are ladies

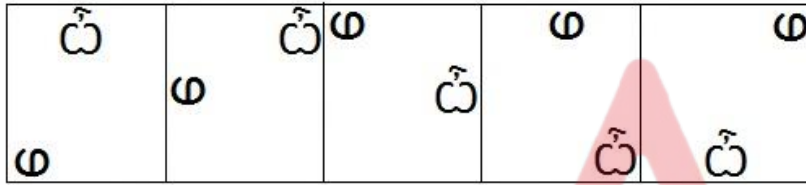
- (A)  Only i) and ii) - (Alternative 1 )
- (B)  Only i) and iii) - (Alternative 2 )
- (C)  Only ii) and iii) - (Alternative 3 )
- (D)  All follow - (Alternative 4 )

Question No.84

1.00

Bookmark

Which one of the alternative will be the next figure from the given alternatives for the given series?



(A)  - (Alternative 2 )

(B)  - (Alternative 1 )

(C)  - (Alternative 4 )

(D)  - (Alternative 3 )

**Question No.85**

1.00

Bookmark

Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

K, V, N, E, X

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

**Question No.86**

1.00

Bookmark

The interest earned after 5 years for a certain sum under simple interest at 12% per annum is Rs.5,100. Find the amount invested. (in Rs.)

- (A)  8,300 - (Alternative 1 )
- (B)  8,400 - (Alternative 2 )
- (C)  8,600 - (Alternative 4 )
- (D)  8,500 - (Alternative 3 )

**Question No.87**

1.00

Bookmark

The shopkeeper bought an article for Rs.355 and sold it for Rs.284. Find the loss percentage. (in %)

- (A)  20 - (Alternative 1 )
- (B)  35 - (Alternative 4 )
- (C)  30 - (Alternative 3 )
- (D)  25 - (Alternative 2 )

**Question No.88**

1.00

Bookmark

Directions:

Study the following graph and answer the question based on it. Number of vehicles manufactured by companies X and Y over the years 2001 to 2006 (in thousands)

What is the difference between the number of vehicles manufactured by company X in 2001 and 2002?



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

**Question No.89**

1.00

Bookmark

Directions:

Study the following graph and answer the question based on it. Number of vehicles manufactured by companies X and Y over the years 2001 to 2006 (in thousands)

Find the difference between the total production of the two companies in the given years.



- (A)  57 - (Alternative 3 )
- (B)  58 - (Alternative 4 )
- (C)  56 - (Alternative 2 )
- (D)  55 - (Alternative 1 )

**Question No.90**

1.00

Bookmark

Find the area of the rhombus whose diagonals are 71 cm and 72 cm. (in cm<sup>2</sup>)

- (A)  2536 - (Alternative 1 )
- (B)  2546 - (Alternative 2 )
- (C)  2566 - (Alternative 4 )
- (D)  2556 - (Alternative 3 )

**Question No.91**

1.00

Bookmark

Find the amount on Rs.4,300 after 4 years invested under simple interest at the rate of 13% per annum. (in Rs.)

- (A)  6,546 - (Alternative 2 )
- (B)  6,536 - (Alternative 1 )
- (C)  6,656 - (Alternative 4 )
- (D)  6,556 - (Alternative 3 )

**Question No.92**

1.00

Bookmark

Find the value of X:

$$\sqrt{(150-X)} = \sqrt{(93+\sqrt{49})}$$

- (A)  72 - (Alternative 3 )
- (B)  50 - (Alternative 1 )
- (C)  49 - (Alternative 2 )
- (D)  78 - (Alternative 4 )

**Question No.93**

1.00

Bookmark

A train running at a speed of 31m/s crosses a signal in 13 seconds. Find the length of the train. (in

metre)

- (A)  403 - (Alternative 2 )  
(B)  401 - (Alternative 1 )  
(C)  405 - (Alternative 3 )  
(D)  407 - (Alternative 4 )

**Question No.94**

1.00

Bookmark 

Simplify:

$$(24 \times 36 \times 24 \times 36) \div (2(\sqrt{1296 \div 2}))^2$$

- (A)  521 - (Alternative 3 )  
(B)  576 - (Alternative 2 )  
(C)  484 - (Alternative 4 )  
(D)  676 - (Alternative 1 )

**Question No.95**

1.00

Bookmark 

The average weight of the state level cricket team of eleven is 93 kg. The average weight gets increased by 1 kg when the coach is added. What is the coach's weight? (in Kg)

- (A)  104 - (Alternative 1 )  
(B)  106 - (Alternative 3 )  
(C)  105 - (Alternative 2 )  
(D)  107 - (Alternative 4 )

**Question No.96**

1.00

Bookmark 

Find the area of equilateral triangle whose side is 76 cm. (in cm<sup>2</sup>)

- (A)   $1444\sqrt{3}$  - (Alternative 2 )  
(B)   $1445\sqrt{3}$  - (Alternative 3 )  
(C)   $1443\sqrt{3}$  - (Alternative 1 )  
(D)   $1446\sqrt{3}$  - (Alternative 4 )

**Question No.97**

1.00

Bookmark 

Which of the following number is divisible by 15?

- (A)  68425 - (Alternative 2 )  
(B)  69415 - (Alternative 3 )  
(C)  68415 - (Alternative 4 )  
(D)  69535 - (Alternative 1 )

**Question No.98**

1.00

Bookmark 

The average of 7 numbers is 136. After excluding one of the number, the average remains the same. Find the number which is excluded.

- (A)  136 - (Alternative 4 )  
(B)  133 - (Alternative 1 )  
(C)  135 - (Alternative 3 )  
(D)  134 - (Alternative 2 )

**Question No.99**

1.00

Bookmark 

Find the amount on Rs.15,900 for the period of 2 years at 10% per annum compounded annually. (in Rs.)



- (A) **19,239 - (Alternative 1 )**
- (B)  17,239 - (Alternative 3 )
- (C)  18,239 - (Alternative 2 )
- (D)  16,239 - (Alternative 4 )

**Question No.100**

1.00

Bookmark

The shopkeeper bought an article for Rs.176 and sold it for Rs.220. Find the profit percentage. (in %)

- (A)  35 - (Alternative 4 )
- (B)  **25 - (Alternative 2 )**
- (C)  30 - (Alternative 3 )
- (D)  20 - (Alternative 1 )

**Question No.101**

1.00

Bookmark

Louis covers the first lap of the race at the speed of 470 mph and the second lap at the speed of 705 mph. Find the average speed of first two laps. (in mph - miles per hour)

- (A)  544 - (Alternative 3 )
- (B)  **564 - (Alternative 1 )**
- (C)  554 - (Alternative 2 )
- (D)  535 - (Alternative 4 )

**Question No.102**

1.00

Bookmark

The value of a metal piece is increased from Rs.325 to Rs.390. Find the percentage increase. (in %)

- (A)  15 - (Alternative 1 )
- (B)  25 - (Alternative 3 )
- (C)  **20 - (Alternative 2 )**
- (D)  30 - (Alternative 4 )

**Question No.103**

1.00

Bookmark

When an article is sold at Rs.272, it incurred a loss of 15%. Find the cost price of the article. (in Rs.)

- (A)  318 - (Alternative 3 )
- (B)  **320 - (Alternative 4 )**
- (C)  314 - (Alternative 1 )
- (D)  316 - (Alternative 2 )

**Question No.104**

1.00

Bookmark

A train takes 26 seconds to cross a signal which is at one end of the bridge of length 473 m. If the train takes 69 seconds to cross the bridge, then find the length of the train. (in metre)

- (A)  288 - (Alternative 3 )
- (B)  **286 - (Alternative 1 )**
- (C)  287 - (Alternative 2 )
- (D)  289 - (Alternative 4 )

**Question No.105**

1.00

Bookmark

The price of the LPG Cylinder is increased from Rs.624 to Rs.780. How much percentage of the consumption should be reduced, so that the amount spent on LPG cylinder remains the same? (in

- %)
- (A)  20 - (Alternative 1 )
  - (B)  30 - (Alternative 3 )
  - (C)  35 - (Alternative 4 )
  - (D)  25 - (Alternative 2 )

**Question No.106**

1.00

Bookmark

A certain amount is divided into 2 parts in the ratio 6:5. If the first part is Rs.186. Find the total amount. (in Rs.)

- (A)  341 - (Alternative 1 )
- (B)  342 - (Alternative 2 )
- (C)  344 - (Alternative 4 )
- (D)  343 - (Alternative 3 )

**Question No.107**

1.00

Bookmark

Simplify:

$$\sqrt{(89 - \sqrt{(74 - \sqrt{(93 + \sqrt{49})})})}$$

- (A)  13 - (Alternative 2 )
- (B)  11 - (Alternative 1 )
- (C)  9 - (Alternative 4 )
- (D)  14 - (Alternative 3 )

**Question No.108**

1.00

Bookmark

The ages of Alpha and Beta are in the ratio 2:5. If sum of their ages is 182, find the difference between their ages.

- (A)  78 - (Alternative 4 )
- (B)  76 - (Alternative 2 )
- (C)  77 - (Alternative 3 )
- (D)  75 - (Alternative 1 )

**Question No.109**

1.00

Bookmark

The sides of the quadrilateral field are in the ratio 2:3:4:5 and the perimeter is 434 cm. Find the shortest side. (in cm.)

- (A)  62 - (Alternative 2 )
- (B)  63 - (Alternative 3 )
- (C)  64 - (Alternative 4 )
- (D)  61 - (Alternative 1 )

**Question No.110**

1.00

Bookmark

A box contains Pens, Pencils and Erasers in the ratio 3:2:1. If the prices of Pen, Pencil and Eraser are Rs.3, Rs.2 and Rs.2 respectively and the amount spent on the box is Rs.435, find the number of Pens in the box.

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

**Question No.111**

1.00

Bookmark

Simplify:

$$121 + [75 + \{117 \div 9 - (8 + 35 \div 7) \} \div 13]$$

- (A)  140 - (Alternative 1 )
- (B)  176 - (Alternative 4 )
- (C)  208 - (Alternative 3 )
- (D)  145 - (Alternative 2 )

**Question No.112**

1.00

Bookmark

A box contains 125 detergent soaps out of which 30 is used. What percentage of the detergent soaps are remaining in the box? (in %)

- (A)  76 - (Alternative 1 )
- (B)  78 - (Alternative 3 )
- (C)  79 - (Alternative 4 )
- (D)  77 - (Alternative 2 )

**Question No.113**

1.00

Bookmark

To clear a competition, Germilin needs an average score of 75 in four exams. Her score in first three exams are 88, 84 and 80. What score must she get in the fourth exam to clear the competition?

- (A)  50 - (Alternative 3 )
- (B)  51 - (Alternative 4 )
- (C)  48 - (Alternative 1 )
- (D)  49 - (Alternative 2 )

**Question No.114**

1.00

Bookmark

Find the fraction of X,  $X = 0.3144444\dots$

- (A)  283/990 - (Alternative 4 )
- (B)  283/900 - (Alternative 2 )
- (C)  283/99 - (Alternative 3 )
- (D)  281/990 - (Alternative 1 )

**Question No.115**

1.00

Bookmark

Directions:

Study the following graph and answer the question based on it. Number of vehicles manufactured by companies X and Y over the years 2001 to 2006 (in thousands)

In which of the following year the difference between the production of companies X and Y was

the minimum among the given years?



- (A)  2002 - (Alternative 1 )
- (B)  2004 - (Alternative 3 )
- (C)  2003 - (Alternative 2 )
- (D)  2001 - (Alternative 4 )

**Question No.116**

1.00

Bookmark

LCM of two numbers is 112 and their HCF is 16. Given that one number is 112, find the second number.

- (A)  64 - (Alternative 3 )
- (B)  16 - (Alternative 1 )
- (C)  112 - (Alternative 2 )
- (D)  36 - (Alternative 4 )

**Question No.117**

1.00

Bookmark

The printed price on a book is Rs.3,000, a bookseller offers 10% discount on it. If he still earns a profit of 20%, then the cost price of the book is (in Rs.)

- (A)  2,250 - (Alternative 1 )
- (B)  2,350 - (Alternative 2 )
- (C)  2,450 - (Alternative 3 )
- (D)  2,550 - (Alternative 4 )

**Question No.118**

1.00

Bookmark

What will be the remainder when 2542 is divided by 9?

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

**Question No.119**

1.00

Bookmark

The breadth of the rectangle is 150 cm and its diagonal is 390 cm. Find the perimeter. (in cm)

- (A)  1020 - (Alternative 4 )
- (B)  1050 - (Alternative 2 )
- (C)  1040 - (Alternative 1 )
- (D)  1010 - (Alternative 3 )

**Question No.120**

1.00

3/4/2019

View Question Paper

Bookmark 

25% of 66.67% of 75% of 80% of a number is 6329. Find 40% of the number.

- (A)  26316 - (Alternative 4 )
- (B)  25316 - (Alternative 3 )
- (C)  23316 - (Alternative 1 )
- (D)  24316 - (Alternative 2 )

