

## RAILWAY RECRUITMENT BOARDS रेलवे भर्ती बोर्ड

## RRB NTPC 12th April 2016 Shift 3

Roll No:	
Participants Name:	
Test Center Name:	
Test Date:	12/04/2016
Test Time:	4:00 PM - 5:30 PM
Subject:	RRB NTPC Graduate

- 1. Options shown in green color with a tick icon are correct
- 2. Chosen option on top right of the question indicates the option selected by the candidate

Q.1 Ritesh sold a pen for Rs. 36 with a profit of 20%. If it were sold for Rs. 33, then what could be the percentage of profit or loss?

A. 10% Profit

B. 15% Profit

C. 12% Loss

D. 18% Loss

Ans



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Q.2 Which sport has the highest rank of Yokozuna?

A. Sumo wrestling

B. Judo

C. Jujitsu

D. Kendo

Ans

X 1. D

X 2. C

X 3. B

🎻 4. A

Q.3 Rearrange the jumbled up letters in their natural sequence and find the odd one out.

A. SAMR

B. MOETC

C. USVNE

D. PUJIERT

Ans

🍆 1. B

X 2.0

X 3. [

Question ID : 9888372151

Question ID: 9888372126

Question ID: 9888372072

Status: Not Attempted

Chosen Option: 2

Chosen Option: --

Status: Answered

Status: Not Attempted

	<b>★</b> 4. A	
Q.4	What does UFO stand for?	Question ID : 9888372098 Status : Not Attempted
	A. Under Fire Object	Chosen Option :
	B. Unidentified Flying Object	
	C. Unapproved Foreign Object	
	D. Unidentified Free Object	
Ans	<b>★</b> 1. A	
	<b>★</b> 2. D	
	<b>X</b> 3. C	
	<b>√</b> 4. B	
Q.5	The height of a light house is 20 meters above sea level. The angle of depression (from the top of the lighthouse) of a ship in the sea is 30°. What is the distance of the ship from the foot of the light house?	Question ID : 9888372113
	A. 16 m	Status: Not Attempted
	B. 20√3 m C. 20 m	Chosen Option :
Ans	D. 30 m  1. B	
	<b>X</b> 2. D	
	<b>X</b> 3. C	
	× 4. A	
Q.6	Which queen of Ahmednagar opposed emperor Akbar?  A. Rani Durgavati	Question ID : 9888372068 Status : Answered
	B. Zeenat Mahal	Chosen Option : 4
	C. Chand Bibi	
	D. Razia Sultan	
Ans	X 1.D	
	<b>✓</b> 2. C	
	<b>X</b> 3. A	
	<b>★</b> 4. B	
0.7	When is International day for Preservation of Ozone layer observed?	
Q.,,	*	Question ID : 9888372075
	A. September 16	Status : <b>Answered</b> Chosen Option : <b>4</b>
	B. July 4 C. January 23	
	D. May 1	
Ans	<b>X</b> 1. B	
	<b>X</b> 2. C	
	<b>X</b> 3. D	
	<b>√</b> 4. A	
Q.8		
۵.0		

Who invented the bifocal glasses?

A. Thomas Alva Edison

B. Benjamin franklin

C. Evangelista

D. Isaac Newton

Ans

**X** 1. C

X 2. D

**√** 3. B

X 4. A

Question ID : 9888372140

Question ID : 9888372088 Status : Answered

Chosen Option: 4

Status: Answered

Chosen Option: 3

Q.9 Identify the odd one from the list below.

A. Snake

B. Lizard

C. Reptiles

D. Crocodile

Ans

X 1. B

3. C

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Q.10 What denotes learned and shared beliefs and behaviours?

A. Culture

B. Ethnicity

C. Group

D. Descent

Ans

X 1. B



X 3. C

X 4. D

Question ID : 9888372091 Status : Answered Chosen Option : 2

Q.11 Who invented the mobile phone?

A. Joseph Wilson

B. Edwin Land

C. Martin Cooper

D. John Lloyd Wright

Ans

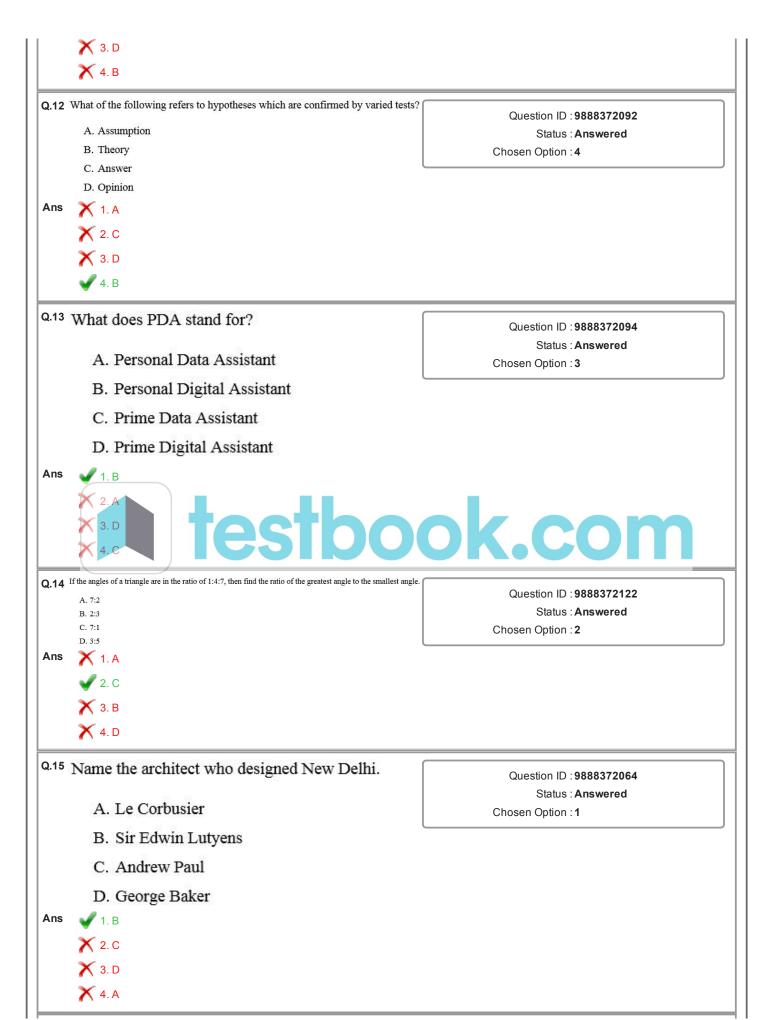
**√** 1. C

X 2. A

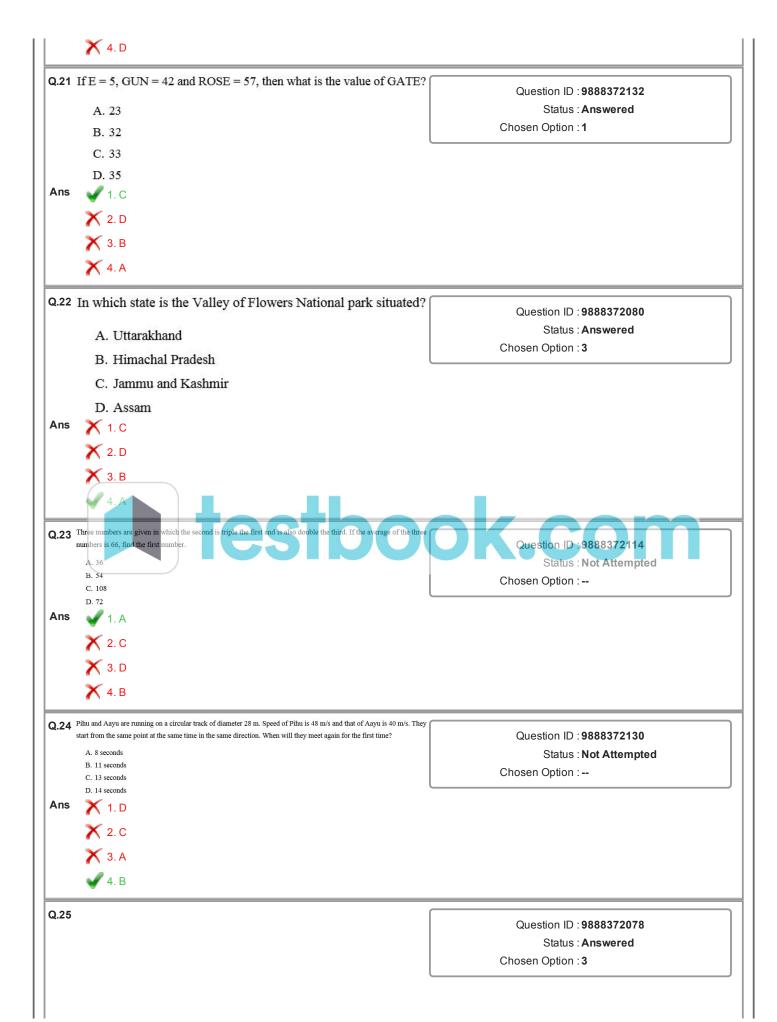
Question ID: 9888372090

Status: Answered

Chosen Option :  ${f 1}$ 



Q.16 The mean of 10 observations is 17. One more observation is included and the new mean becomes 16. Question ID: 9888372124 The 11th observation is Status: Answered A. 16 Chosen Option: 3 B. 8 C. 6 D. 12 X 1. D Ans **√** 3. C X 4. B Q.17 Battle of Plassey was fought by the British under the leadership of Question ID: 9888372069 Status: Answered A. Robert Clive Chosen Option: 1 B. Lord Dalhousie C. Warren Hastings D. James Heartly Ans 1. A X 2. C **X** 3. B X 4. D Q.18 Arun and Amit can do a piece of work in 9 days and 12 days respectively. If they work for alternate days and Amit starts the work first, then in how many days 35/36 parts of whole work will be completed? Question ID: 9888372109 Status: Answered B. 12 days Ans X 2. B **√** 3. A X 4. D Q.19 Aparna changes the marked price of an item to 50% above its C.P. What % of discount allowed in approximately to gain Question ID: 9888372128 A. 27% Status: Answered B. 25% Chosen Option: 3 C. 35% D. 37% Ans X 1. D X 3. B **√** 4. A Q.20 A wholesaler purchased 7 hair clips for a rupee. How many for a rupee must he sell to get profit of 40% Question ID: 9888372127 A. 6 Status: Answered B. 5 C. 4 Chosen Option: 3 Ans



Who replaced B. S. Bassi as the Delhi Police Commissioner?

- A. Alok Kumar Verma
- B. Rakesh Maria
- C. Dattatray Padsalgikar
- D. Neeraj Kumar









#### Comprehension:

#### In the following questions are to be based on the details given below:

A salesman visits 274 houses in a town to find out the views about three products X, Y and Z. He found that 157 use X, 98 use only X, 22 use all the three, 14 use X and Z but not Y, 39 use Y and Z, 48 use only Y

SubQuestion No: 26

Q.2 Which product is the most popular one?

A. X

B. Y

Question ID: 9888372154

Status: Not Attempted

Chosen Option: --



X 3. C



#### Comprehension:

#### In the following questions are to be based on the details given below:

A salesman visits 274 houses in a town to find out the views about three products X, Y and Z. He found that 157 use X, 98 use only X, 22 use all the three, 14 use X and Z but not Y, 39 use Y and Z, 48 use only Y

SubQuestion No: 27

Q.2 How many use product Z only?

A. 10

B. 50

C. 52

D. 25

Ans









Question ID: 9888372155

Status: Not Attempted

#### Comprehension:

#### In the following questions are to be based on the details given below:

A salesman visits 274 houses in a town to find out the views about three products X, Y and Z. He found that 157 use X, 98 use only X, 22 use all the three, 14 use X and Z but not Y, 39 use Y and Z, 48 use only Y

SubQuestion No: 28

Q.2 What fraction used at least two products?

- A. 67/274
- B. 76/274
- C. 73/274
- D. 37/274

Ans









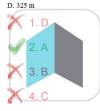
Q.29 A superfast Duronto express running at 90 kmph overtakes a bike running at 36 kmph in 25 seconds. What is the length of the train in meters?

A. 375 m

B. 225 m

C. 275 m

Ans



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Q.30 If EFMIJ means DELHI, then the last letter of the word got by decoding IQBOS is

A. R

В. Т

C. K

D. M

Ans







X 4. C

Q.31 An Assertion (A) and Reason (R) are given below.

Assertion (A): We prefer to wear white clothes in winter.

Reason (R): White clothes are good reflectors of heat.

Choose the correct option.

- A. A is true but R is false.
- B. A is false but R is true.
- C. Both A and R are true and R is the correct explanation of A.
- D. Both A and R are true and R is not the correct explanation of A.

Ans



Question ID : 9888372156

Status: Not Attempted

Chosen Option: --

Question ID : 9888372134

Question ID: 9888372129

Status: Answered

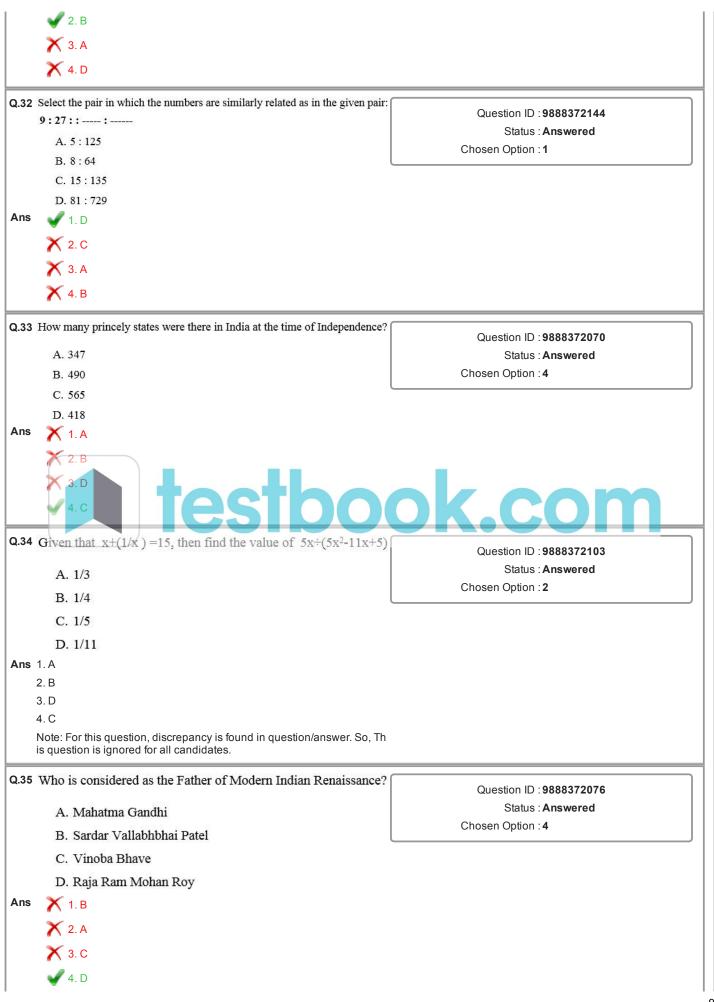
Status : Answered

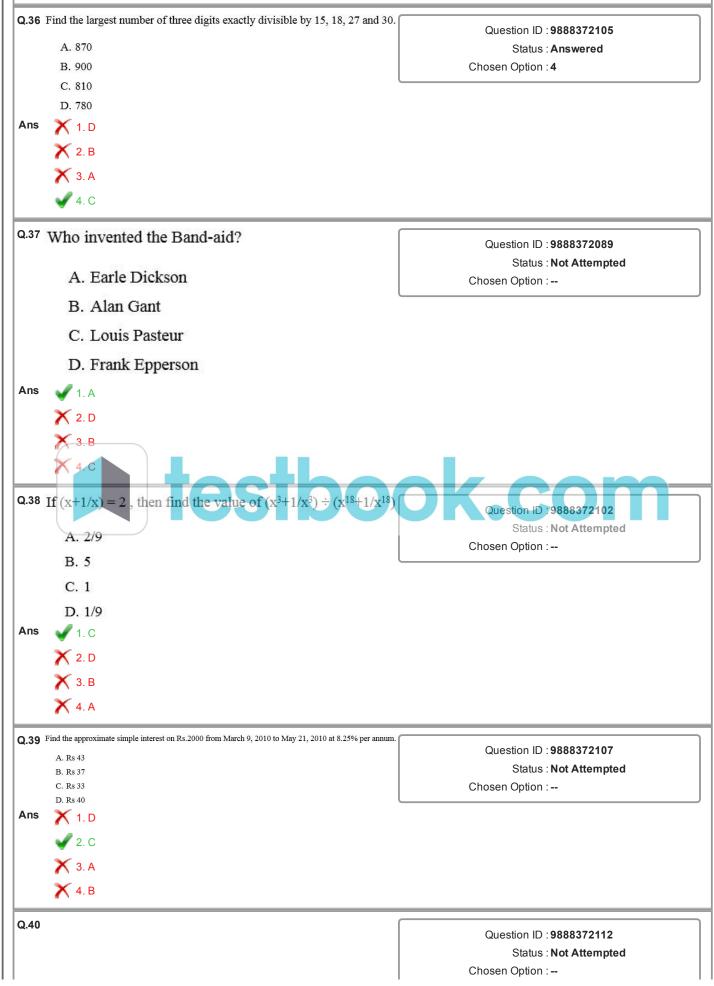
Chosen Option: 2

Chosen Option: 3

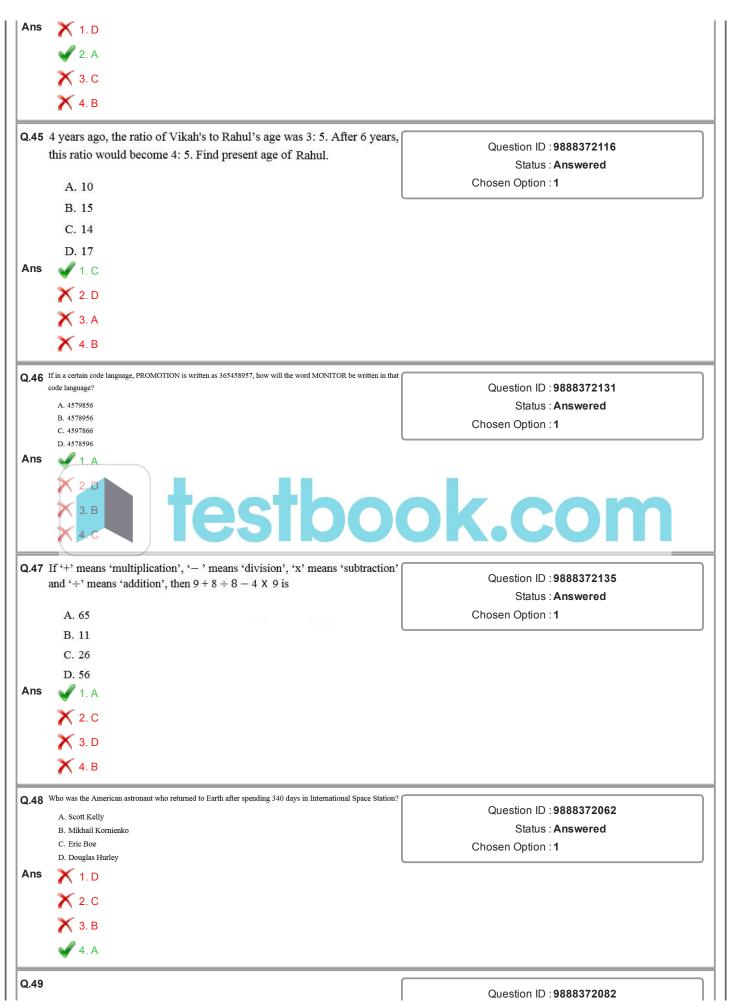
Question ID: 9888372162

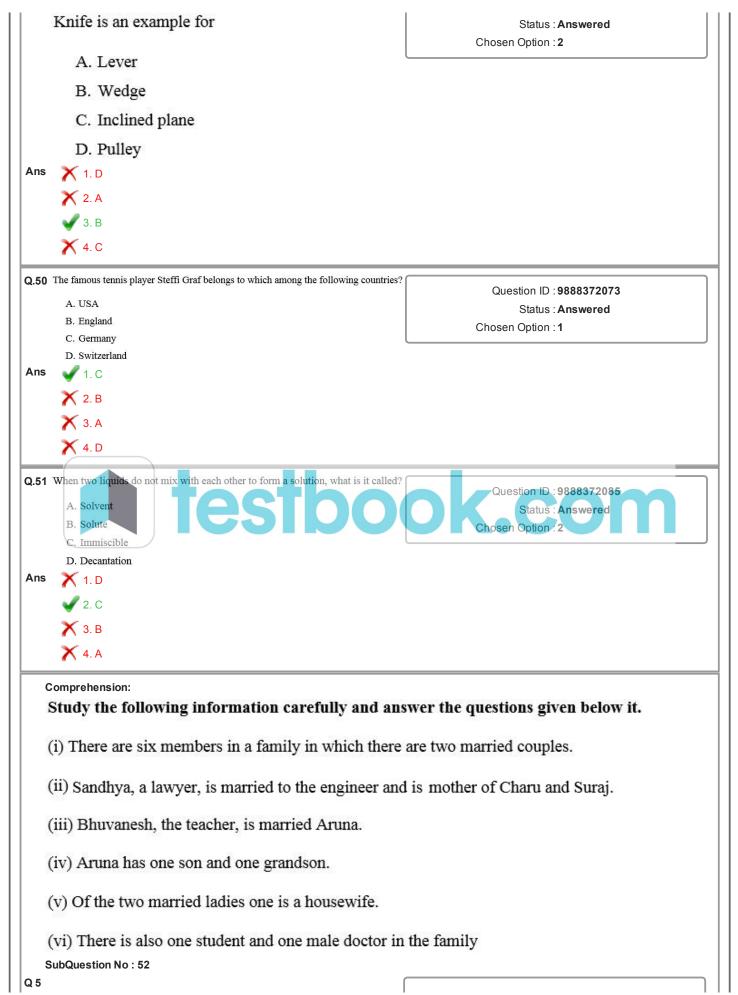
Status: Answered

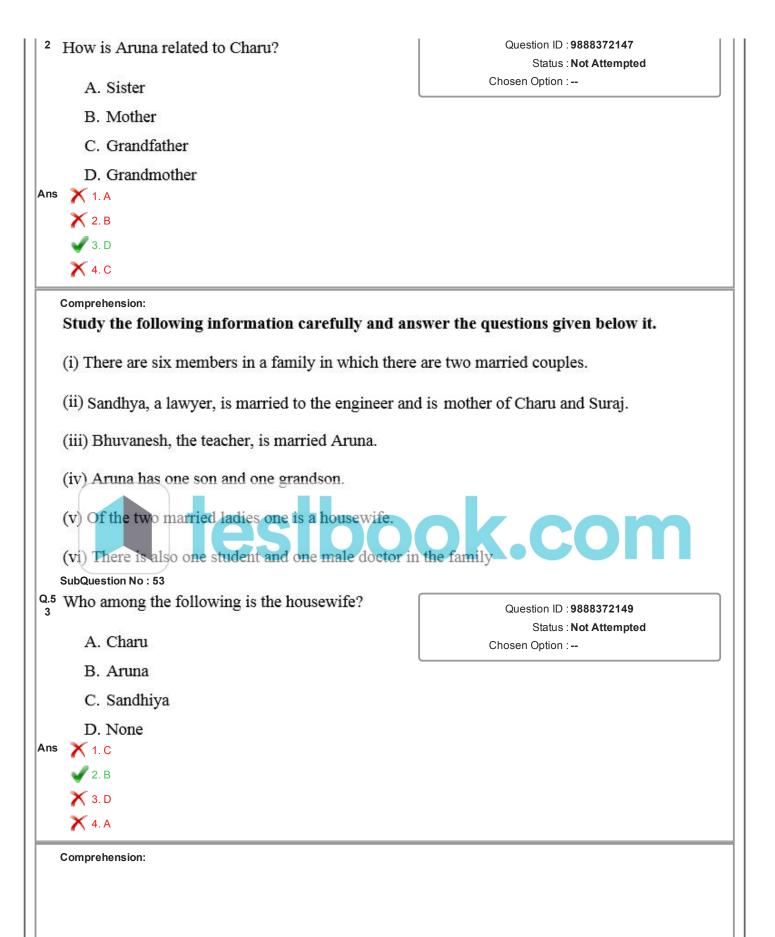




The angle of elevation of the top of a tower at a distance of 25 m from its foot is 60°. The approximate height of the tower is -A. 20.3 m B. 15.3 m C. 36.3 m D. 43.3 m Ans X 1. C X 3. B X 4. A Q.41 Which of the following refers to the number of pixels per inch, printed on a page? Question ID: 9888372095 A. Print Margin Status: Answered B. Resolution Chosen Option: 1 C. Filter D. Colour mode Ans X 1. A X 2. C X 3. D **√** 4. B Q.42 In which generation of computer was the mechanical language for programming used? Question ID: 9888372093 A. First Status: Answered testboe B. Second C. Third D. Fourth Ans X 1. D X 2. B X 3. C 4. A Q.43 Which is the fastest land animal in the World? Question ID: 9888372087 Status: Answered A. Dog Chosen Option: 2 B. Cheetah C. Tiger D. Horse Ans X 1. A 2. B X 3. D **X** 4. C Q.44 If @ means +, # means -, \$ means x and \* means ÷, then what is the value of 16 @ 4 \$ 5 # 72 \* 8 = Question ID: 9888372137 A. 27 Status: Answered B. 26 Chosen Option: 2 C. 36 D. 35







## Study the following information carefully and answer the questions given below it. (i) There are six members in a family in which there are two married couples. (ii) Sandhya, a lawyer, is married to the engineer and is mother of Charu and Suraj. (iii) Bhuvanesh, the teacher, is married Aruna. (iv) Aruna has one son and one grandson. (v) Of the two married ladies one is a housewife. (vi) There is also one student and one male doctor in the family SubQuestion No: 54 Q.5 Which of the following is true about the granddaughter in the family? Question ID: 9888372148 Status: Not Attempted A. She is a Doctor Chosen Option: --B. She is a Teacher C. She is a Student D. Data inadequate Ans Q.55 Find the correct option which has a similar relationshi Produce: Waste:: Contrast:? Status: Not Attempted Chosen Option: --A. Correct B. Match C. Contradict D. Oppose **Ans** 1. C 2. D 3. B 4. A Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates. Q.56 An Assertion (A) and a Reason (R) are given below. Question ID: 9888372161 Status: Answered Assertion (A): Beri – Beri is a viral infection. Chosen Option: 1 Reason (R): Vitamin deficiency causes diseases.

Choose the correct option.

- A. A is false but R is true.
- B. A is true but R is false.
- C. Both A and R are false
- D. Both A and R are true and R is the correct explanation of A.



## Q.57 Glaciers are formed by

A. Melting snow

B. Accumulation of snow

C. Heavy hail fall

D. High rainfall

Ans

Ans



Question ID: 9888372074 Status: Answered

Chosen Option: 1

Q.58 12 men and 16 women together can complete a work in 4 days. It takes 80 days for one man alone to complete the same work, then how many days would be required for one woman alone to complete the same work?

A 160

C. 130

Question ID: 9888372108 Status: Not Attempted

Chosen Option: --



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Q.59 Jalal, Amit and Feroz enter into partnership. Jalal invests 4 times as much as Amit and Amit invests three-fourth of what Feroz invests. At the end of the financial year, the total profit earned is Rs. 19,000. Find the share for Jalal.

A. Rs.15.000

B. Rs.12,000

C. Rs.13,000

D. Rs.10,000

Ans



**X** 2. A **√** 3. B

X 4. C

Question ID: 9888372115 Status: Not Attempted

Chosen Option: --

Q.60 How many astronauts have walked on the moon?

A. 2

B. 5

C. 8

D. 12

Ans X 1. B

Question ID: 9888372097

Status: Answered



Q.61 Identify the odd one from the list below.

A. Stream

B. Bridge

C. Canal

D. River

Ans

X 2. A

X 3. C

X 4. D

Q.62 An Assertion (A) and Reason (R) are given below.

Assertion (A): Leakages in household gas cylinders can be detected.

Reason (R): LPG has a strong smell.

Choose the correct option.

A. Both A and R are true and R is the correct explanation of A.

B. Both A and R are true and R is not the correct explanation of A.

C. Both A and R are false

D. A is true but R is false.

Ans

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X 4. B

Q.63 Who was sworn in as the Prime Minister of Nepal in 2015?

A. Sushil Koirala

B. Bidhya Devi Bhandari

C. Khadga Prasad Sharma Oli

D. Kul Bahadur Gurung

Ans

X 1. A

Q.64 Who is the current FIFA president?

A. Sepp Blatter

B. Gianni Infantino

C. Issa Hayatou

D. Dunga

Status: Answered

Question ID: 9888372079

Question ID: 9888372063 Status: Answered

Chosen Option: 2

Question ID: 9888372142 Status: Answered

Question ID: 9888372163 Status: Answered

Chosen Option: 1

Chosen Option: 1







#### Q.65 Who won the 2015 Australian Grand Prix?

A. Louis Hamilton

B. Kimi Raikkonen

C. Jenson Button

D. Sebastian Vettel

Ans

X 1. C

X 2. B

X 3. D

**√** 4. A

Question ID: 9888372071

Status: Answered

Chosen Option: 1

Q.66 What are the waves that are used to penetrate solids and are used by doctors and at airports?

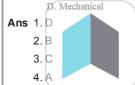
A. Sound wave

B. X-rays

C. Electro magnetic

Question ID : 9888372099 Status : Answered

Chosen Option : 4



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Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

Q.67 If  $(7x+5)^{\circ}$  and  $(x+5)^{\circ}$  are complementary angles, then find value of x.

A. 10

B. 20

C. 30

D. 40

Ans

X 1. D

X 2. B

X 3. C

4. A

Question ID : 9888372120 Status : Answered

Chosen Option: 4

 $\textbf{Q.68} \ \ \text{Rearrange the jumbled up letters in their natural sequence and find the odd one out.}$ 

A. EARSUQ

B. ONGPOYL

C. NAEGRCELT

D. RGETESNH

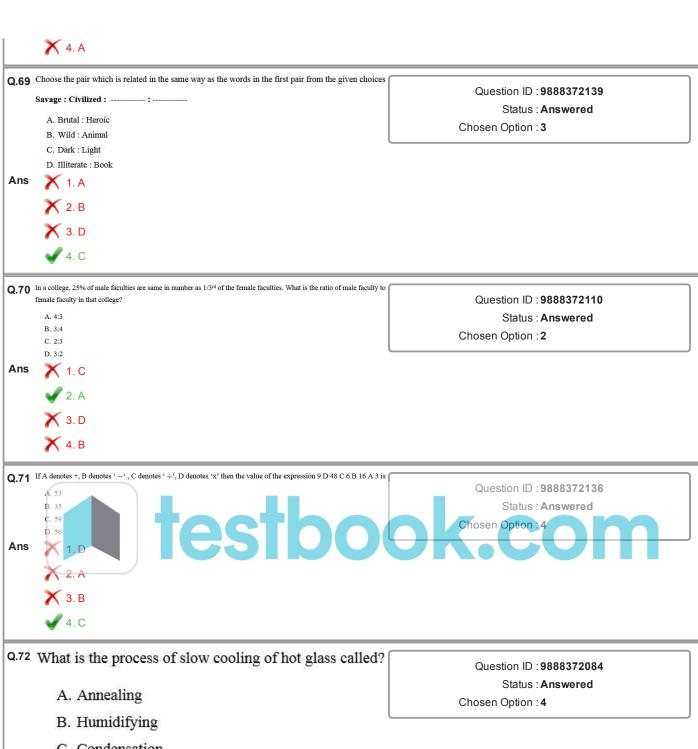
Ans

🗙 1. B



X 3 C

Question ID : 9888372152 Status : Not Attempted



C. Condensation

D. Decantation

Ans

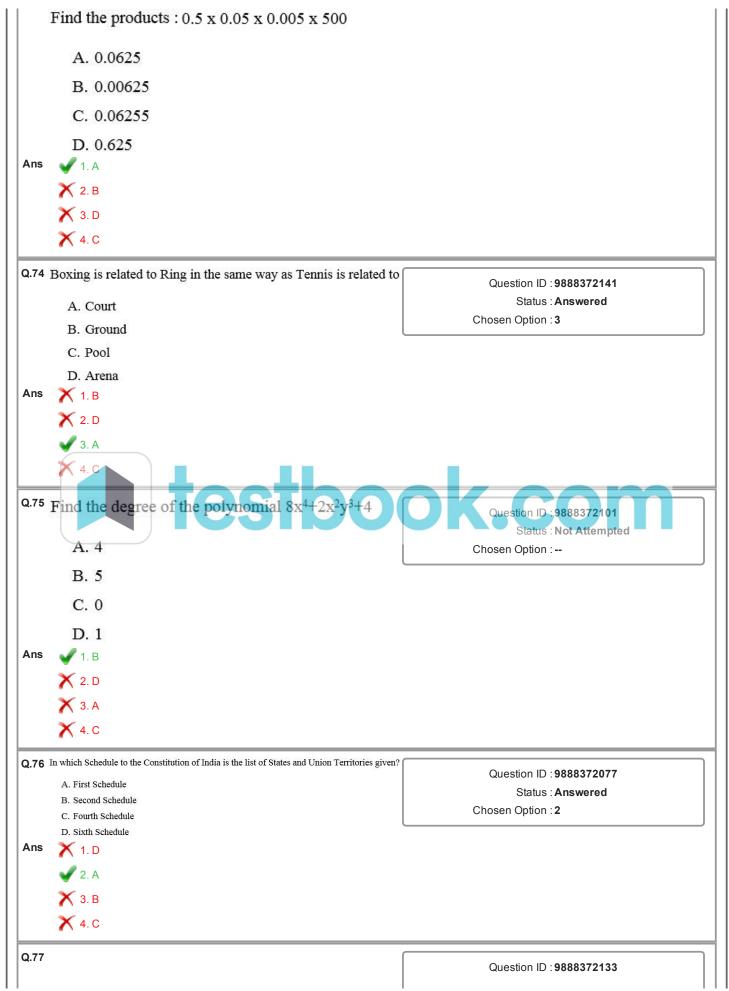
X 2. B

X 4. C

Q.73

Question ID: 9888372118

Status: Answered



In a certain code, TABLE is written as GZYOV, then CHAIR can be written as Status: Answered Chosen Option: 2 A. XRZSI B. XZSRI C. XSRZI D. XSZRI 🟋 1. B **X** 3. C **X** 4. A Q.78 Milk of Magnesia is used as a Question ID: 9888372100 Status: Answered A. Laxative Chosen Option: 4 B. Pain killer C. Sedative D. Antibiotic Ans X 2. B **X** 3. D X 4.C Q.79 In a number system, on dividing 11509 by a certain number, Mukesh gets 71 as Question ID: 9888372119 quotient and 7 as remainder. What is the divisor? Status: Not Attempted B. 172 C. 182 D. 162 X 1. C X 2. A **√** 3. D X 4. B Comprehension:

## The table below depicts the Number of Books Sold by 5 cities during 5 months. Study the following table and answer the questions:

Months	City A	City B	City C	City D	City E
June	213	200	195	253	229
July	156	208	216	187	175
August	177	197	185	181	215
September	220	145	235	265	231
October	253	188	278	243	249

SubQuestion No: 80

Q.8 If 30% of the total number of books sold by City B, D and E together in July were academic books, how many non – academic books were sold by the same Cities together in the same month?

A. 379

B. 389

C. 399

D. 309

Ans 🧳 1. C

**X** 2. B

4. A Comprehension:

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The table below depicts the Number of Books

Sold by 5 cities during 5 months. Study the

## following table and answer the questions:

Months	City A	City B	City C	City D	City E
June	213	200	195	253	229
July	156	208	216	187	175
August	177	197	185	181	215
September	220	145	235	265	231
October	253	188	278	243	249

SubQuestion No: 81

Q.8 What is the respective ratio between the total number of books sold by City A in July and September together and total number of books sold by City E in August and October together?

A. 57:49

B. 49:57

C. 58:47

D. 47:58

Ans

X 1. A

Question ID : 9888372160 Status : Not Attempted

Question ID: 9888372159

Chosen Option: --

Status: Not Attempted

Chosen Option : --



Comprehension:

The table below depicts the Number of Books Sold by 5 cities during 5 months. Study the following table and answer the questions:

Months	City A	City B	City	City D	City E
June	213	200	195	253	229
July	156	208	216	187	175
August	177	197	185	181	215
September	220	145	235	265	231
October	253	188	278	243	249

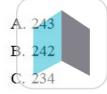
SubQuestion No: 82

Q.8 What is the average number of books sold by City C in

July, September and October together?

Question ID: 9888372158 Status: Not Attempted

Chosen Option: --



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D. 224





X 3. D

X 4. B

Q.83 Find the missing value denoted by '?'

3:243::5:?

A. 625

B. 465

C. 3125

D. 425

Ans

X 1. A

X 2. B

🗙 3. D

**√** 4. C

Question ID: 9888372143 Status: Answered

If the standard deviation of a population is 3, what would be the population variance? Status: Answered Chosen Option: 2 A. 9 B. 6 C. 8 D. 15 Ans **X** 1. C X 2. D Q.85 Below are given statements followed by two conclusions I and II. You have to take the given statements to be true even if Question ID: 9888372150 they seem to be at variance from commonly known facts. Statements: Some buds are flowers. Status: Answered All flowers are trees. Chosen Option: 1 All trees are leaves. Conclusions: I. Some leaves are buds. II. All flowers are leaves. Decide which of the below options logically follows the given conclusions. A. Only Conclusion I follows B. Only Conclusion II follows C. Both I and II follow D. Neither I nor II follows Ans **X** 3. B X 4. A Q.86 Find the LCM of the following fractions: 2/3, 8/9, 16/27, 32/81 Question ID: 9888372104 Status: Answered A. 32/81 Chosen Option: 1 B. 81/32 C. 32/3 D. 11/41 Ans X 1. A X 2. B **√** 3. C **X** 4. D Q.87 In which state is Koyna dam located? Question ID: 9888372065 Status: Answered A. Madhya Pradesh Chosen Option: 1 B. Rajasthan C. Maharashtra D. Gujarat X 1. A **X** 2. D X 3. B **√** 4. C Q.88

## Which planet is the nearest in size to Earth? Question ID: 9888372096 Status: Answered Chosen Option: 1 A. Mercury B. Mars C. Venus D. Saturn Ans **1.** C X 2. B X 3. A Q.89 The mean of a distribution is 15 and the standard deviation is 5. What is the value of the coefficient variation? Question ID: 9888372123 A. 16.66% Status: Not Attempted B. 66.66% C. 33.33% Chosen Option: --D. 100% Ans 🟋 1. A X 2. D **√** 3. C X 4. B Q.90 If S is the midpoint of a straight line PQ and R is a point different from S, such that PR=RQ, then Question ID: 9888372121 A. ∠PRS=90° Status: Answered B. ∠QRS=90° C. ∠PSR=90° Ans Q.91 Who constructed the Hawa Mahal? Question ID: 9888372081 Status: Answered A. Maharaja Bhagvat Singh Chosen Option: 4 B. Maharaja Jagatjit Singh C. Maharaja Sawai Pratap Singh D. Maharajah Jaswant Singh Ans X 2. A X 4. D Q.92 Question ID: 9888372138 Status: Answered Chosen Option: 2

If '>' means 'minus', '<' means 'plus', '\* ' means 'multiplied by' and # means 'divided by', then what would be the value of 27 < 81 # 9 > 6 = A. 32 B. 30 C. 36 D. 25 X 1. D Ans **X** 3. C X 4. A Q.93 Which king's story is the subject of the play Mudrarakshasa? Question ID: 9888372067 Status: Answered A. Jaychand Chosen Option: 4 B. Chandra Gupta II C. Chandrapeeda D. Chandragupta Maurya Ans X 2. A X 3. C Q.94 The amount of alcohol in two Status: Not Attempted Chosen Option: --D. 2:3 Ans 1. C 2. A 3. D 4. B Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates. Q.95 Who was responsible for building the Great wall of China? Question ID: 9888372066 Status: Answered A. Qin Shi Huang Chosen Option: 3 B. Fa-Hien C. Xuanzang or Hiuen Tsang D. Yijing X 1. C Ans **√** 4. A Q.96 Question ID: 9888372061 Status: Answered Chosen Option : 2

Martin Crowe who passed away recently was the former cricket captain of which country? A. Australia B. England C. New Zealand D. South Africa Ans X 1. D **√** 3. C X 4. A Q.97 If 70% of 5/7th of a number is 90, find the number. Question ID: 9888372117 Status: Answered A. 150 Chosen Option: 4 B. 180 C. 160 D. 190 Ans X 1. A X 2. C X 3. D √ 4. B Q.98 Which among the following is called quicksilver? Question ID: 9888372083 Status: Answered A. Titanium hosen Option:3 B. Mercury C. Platinum D. Radium Ans X 1. C **X** 2. D **X** 3. A **√** 4. B Q.99 Which of the following is a vertebrate? Question ID: 9888372086 Status: Answered A. Kiwi Chosen Option: 3 B. Sponges C. Star fish D. Threadworm Ans X 1.B X 2. C X 4. D

