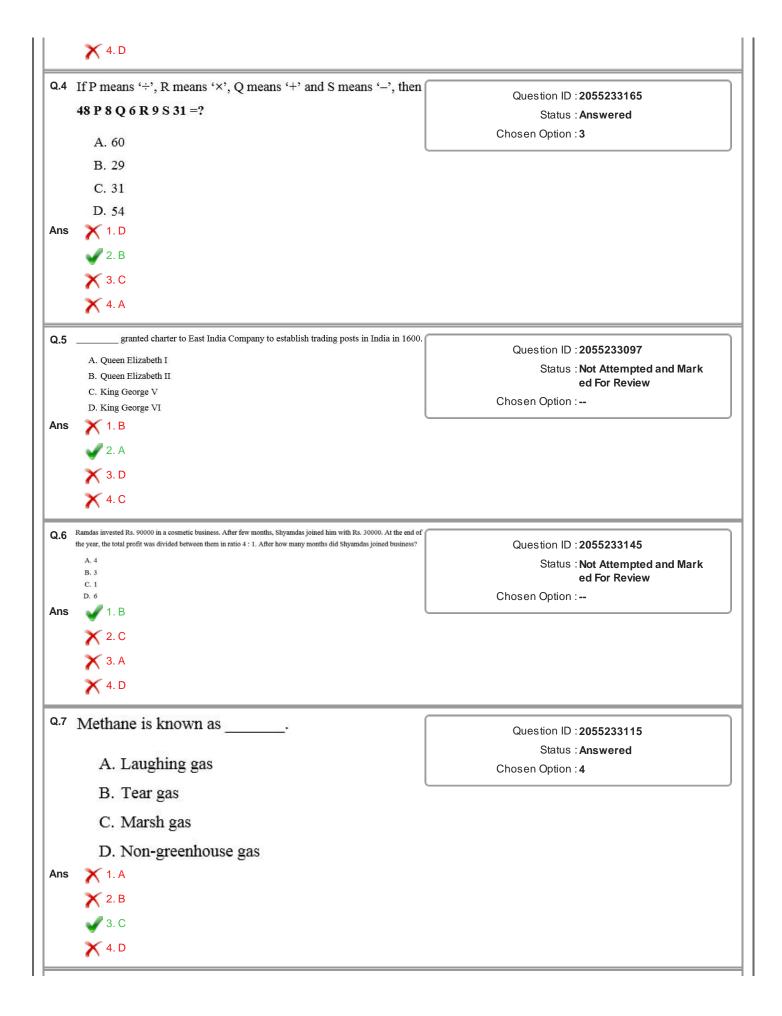


## RAILWAY RECRUITMENT BOARDS रेलवे भर्ती बोर्ड

Test Date:	19/04/2016
Test Time:	9:00 AM - 10:30 AM
Subject:	RRB NTPC Graduate

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

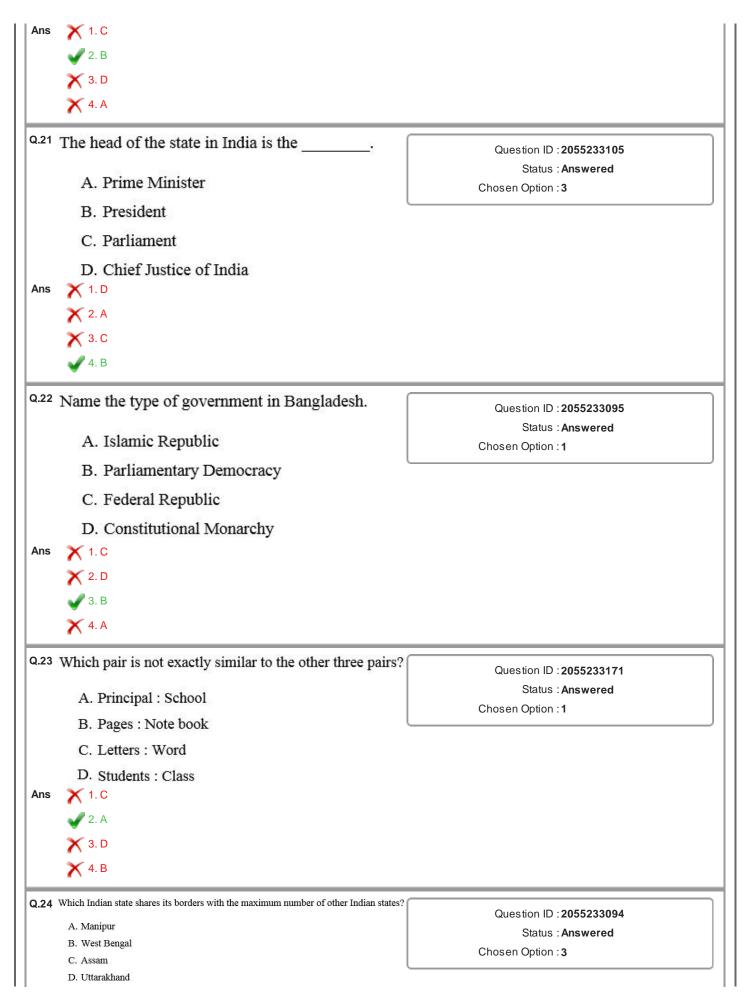
Q.1	If 'summer is hot' is coded as 'de fe ba' and 'come cold summer' as 'ja ha ba' and 'winter is cold' as 'pa ja de' then 'come hot winter' is coded as	Question ID : 2055233162
	A. de ba ja	Status : Answered
	B. fe ba pa C. ba pa ha	Chosen Option : 3
	D. pa ha fe	
Ans	<b>X</b> 1. C	
	<b>√</b> 2. D	
	<b>X</b> 3. B	
	<b>★</b> 4. A	
Q.2	What is the minimum number to be subtracted from 6321, which makes it completely	Question ID : 2055233147
	divisible by 14?	Status : Answered
	A. 8 B. 12	Chosen Option : 3
	B. 12 C. 7	
	D. 11	
Ans	<b>★</b> 1. A	
	<b>X</b> 2. B	
	<b>✓</b> 3. C	
	<b>★</b> 4. D	
Q.3	Jahangir was the Mughal emperor of India.	Question ID : 2055233096
		Status : Answered
	A. 3 <sup>rd</sup>	Chosen Option : 1
	B. 4 <sup>th</sup>	
	C. 5 <sup>th</sup>	
	D. 6 <sup>th</sup>	
Ans	<b>★</b> 1. A	
	<b>√</b> 2. B	
	<b>X</b> 3. C	

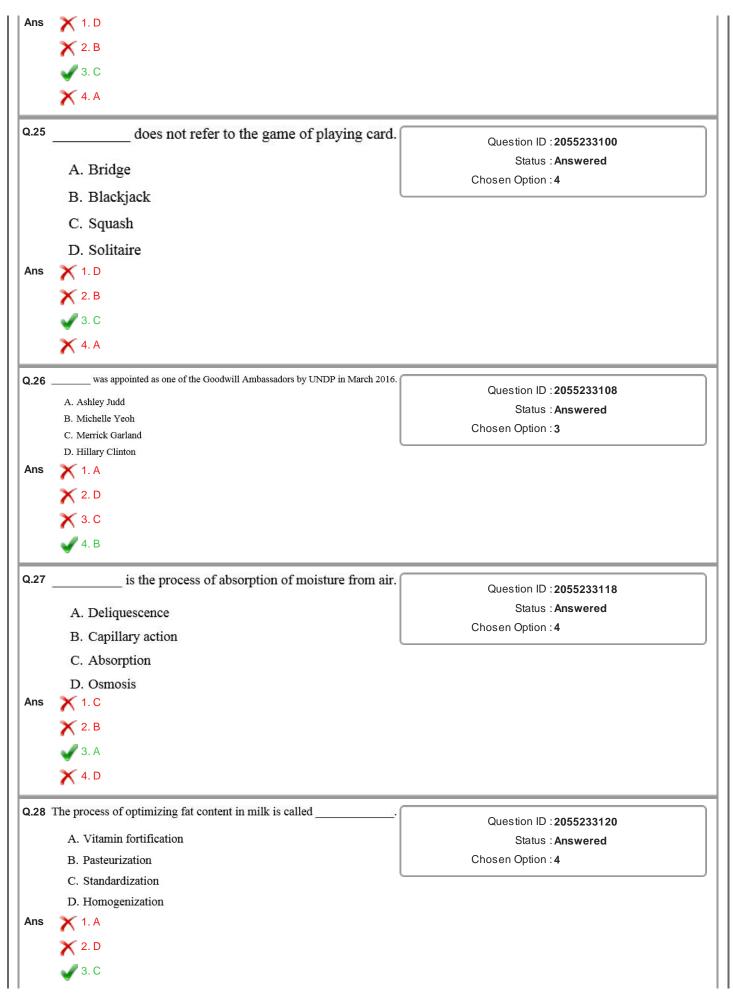


A. White and green marble  B. Granite  C. Red and Pink sandstone  D. Normal rocks  Ans  1. A  2. C  3. D	Question ID : 2055233109 Status : Answered Chosen Option : 2
Q.9 If the angles of a triangle are in the ratio of 1:2:3, then find the value of the largest angle  A. 30° B. 60° C. 90° D. 120°	Question ID : 2055233151 Status : Answered Chosen Option : 3
Ans	
<ul> <li>Q.10 Read the given statements carefully and answer the question.  Statement: Though the school bags policy has been announced, it is not clear how many schools are following it. The state Government is also clueless whether schools have implemented the rules.  Which of the following is true according to the given statement?  A. School bags policy has been implemented by the Government.  B. Schools are not interested in following the rules.  C. There is no monitoring system.  D. State Government is not interested in follow-up.  Ans  1. A  2. C</li> </ul>	Question ID : 2055233190 Status : Answered Chosen Option : 2
X 3. D X 4. B  Out The concent of the same of the is aliminating an emparant by taughing	
Q.11 The concept of the game of is eliminating an opponent by touching.  A. Kho Kho B. Kabaddi C. Judo D. Kalari  Ans 1. D	Question ID : 2055233102 Status : Answered Chosen Option : 3
2. C 3. B 4. A Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.	
Q.12 The mean of 22 observations is 10. Two more observations are included and the new mean becomes 11. The mean of two new observations is  A. 19  B. 20  C. 21  D. 22	Question ID : 2055233153 Status : Answered Chosen Option : 1

Ans	<b>X</b> 1.B	
	× 2. A	
	<b>X</b> 3. C	
	✓ 4. D	
	<b>4.</b> D	
Q.13	An angle is 10° more than one third of its complement. Find the greater angle.	Overeties ID : 20552224 40
	A. 30°	Question ID : 2055233149 Status : Answered
	B. 60°	Chosen Option : 1
	C. 45°	Chosen Option : 1
	D. 75°	
Ans	<b>√</b> 1. B	
	× 2. C	
	<b>X</b> 3. D	
	× 4. A	
	<b>↑</b> 4.A	
	Neelam and Manisha starting from the same place run at a rate of 7 kmph and 9 kmph respectively. What time will they	0 1 12 222222
	take to be 12 km apart, If they walk in the same direction?  A. 3 hours	Question ID : 2055233159
	B. 6 hours	Status : Answered
	C. 12 hours D. 9 hours	Chosen Option : 1
Ans	✓ 1. B	
	× 2. A	
	<b>※</b> 3. D	
	<b>★</b> 4. C	
0.15	Delhi metro covers a distance in 40 minutes, if it runs at a speed of 48 kmph on an average. Find the	
	speed at which the train must run to reduce the time of journey to 32 minutes:	Question ID : 2055233158
	A. 60kmph	Status : Answered
	B. 50kmph	Chosen Option : 2
	C. 70kmph	
	D. 80kmph	
Ans	<b>X</b> 1. B	
	<b>√</b> 2. A	
	X 3. C	
	<b>★</b> 4. D	
	<u> </u>	
Q.16	The mean of a distribution is 13 and the standard deviation is 7. What is the value of the coefficient variation?	Overefier ID (0055000450
	A. 50%	Question ID : 2055233152
	B. 76.77% C. 53.85%	Status : Answered
	D. 38.88%	Chosen Option : 3
Ans	<b>★</b> 1. A	
	× 2. D	
	<b>√</b> 3. C	
	<b>★</b> 4. B	
	<b>↑</b> 4. B	

Q.17 A car stops on applying brakes mainly due to force. Question ID: 2055233111 Status: Answered A. Gravitational Chosen Option: 1 B. Centripetal C. Frictional D. Centrifugal **√** 1. C Ans X 2. B X 3. A Q.18 Statements followed by some conclusions are given below. Question ID: 2055233180 Statements: Status: Answered 1. Knowledge is not a skill. It is learning and experience. 2. The illiterate are not those who cannot read and write but those who cannot learn. Chosen Option: 3 I. Those who cannot read and write are literate. II. Knowledge and skill are two different things. Find which of the given conclusions logically follows from the given statements. A. Only conclusion I follows. B. Only conclusion II follows. C. Both I and II follow. D. Neither I nor II follows. Ans 🗙 1. A Q.19 Statements followed by some conclusions are given below. Statements: Question ID: 2055233179 1. Depleting natural resources is a major concern in our country. Status: Answered 2. Unless we go for renewable energy sources in a big way, increase in population being a heavy burden on the energy resources, will reduce the quality of life. Chosen Option: 1 Conclusions: I. Depleting resources impacts quality of life. II. Use of renewable energy sources is a solution to counter increase in population. Find which of the given conclusions logically follows from the given statements. A. Only conclusion I follows. B. Only conclusion II follows. C. Both I and II follow D. Neither I nor II follows. Ans Q.20 Quartz used in clocks is \_\_\_\_\_. Question ID: 2055233117 Status: Answered A. Nitrogen silicate Chosen Option: 4 B. Silicon dioxide C. Sodium silicate D. Calcium silicate







Q.29 Bird: Wings::Fish:?

A. Gills

B. Head

C. Fins

D. Legs

Ans

X 1. A

X 2. C

**√** 3. C

**X** 4. B

Q.30 An assertion (A) and a reason (R) are given below.

Assertion (A): Perennial rivers mostly originate from the Himalayas.

Reason (R): The fountains in the Himalayas feed the rivers.

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, but R is not the correct explanation of A

C. A is true, but R is false

D. A is false, but R is true

Ans



X 2. A

**X** 3. B

X 4. D

Q.31 Find the missing (?) in the series -

3, 7, 13, 21, 31, ?

A. 41

B. 42

C. 43

D. 44

Ans

X 1. B

X 2. D

**X** 3. A

4. C

Q.32 Which state has the second highest number of seats in the Lok Sabha?

A. Uttar Pradesh

B. Andhra Pradesh

C. West Bengal

D. Bihar

Question ID: 2055233169

Status: Answered

Chosen Option: 1

Question ID : 2055233191

Status: Answered

Chosen Option: 3

Question ID : 2055233167

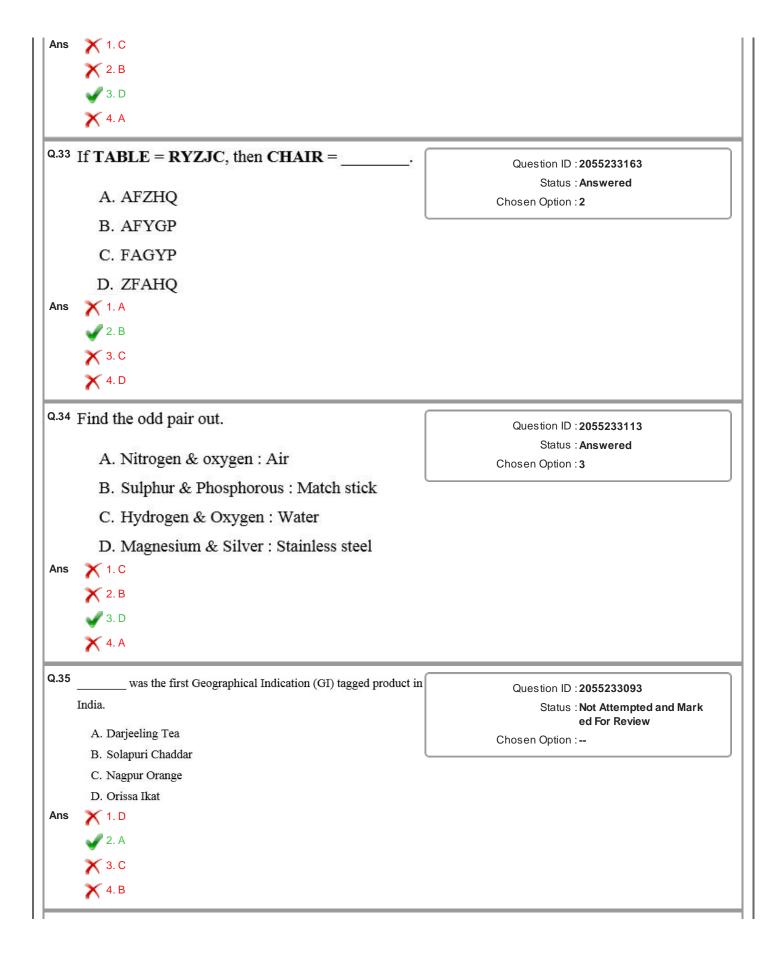
Status: Answered

Chosen Option: 3

Question ID : 2055233106

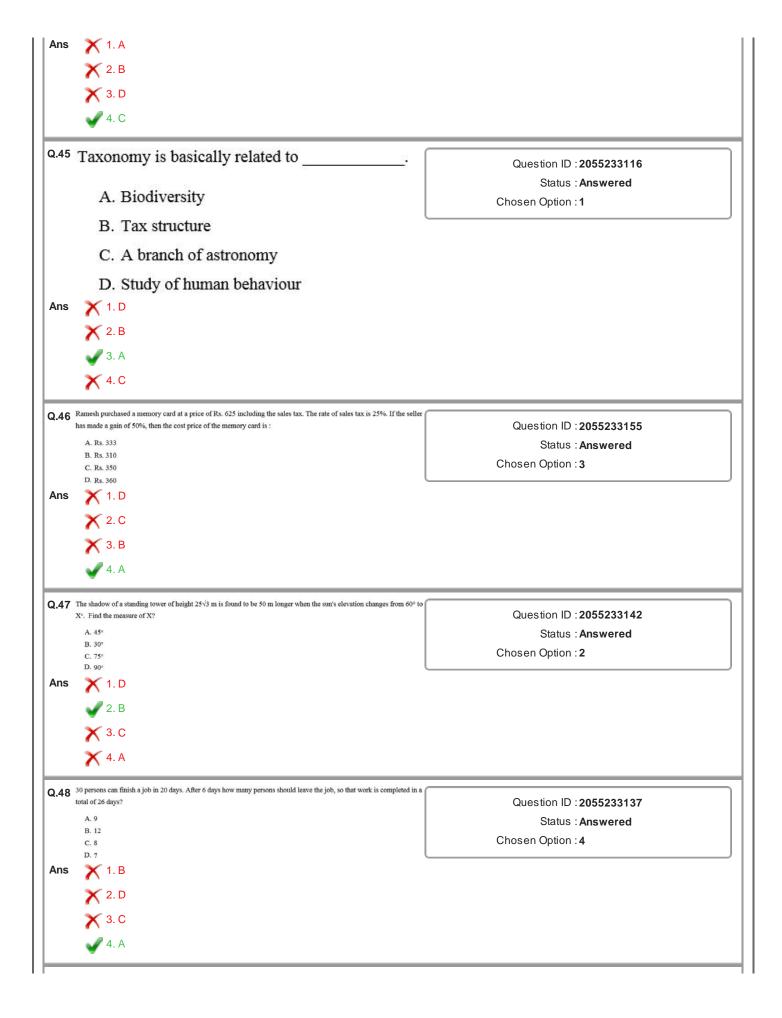
Status: Answered

Chosen Option: 2



Q.36 Freezing point of water is	Question ID : 2055233129 Status : Answered
A. 40° F	Chosen Option : 1
B. 42° F	
C. 34° F	
D. 32° F	
Ans X 1. A	
<b>★</b> 2. C	
<b>√</b> 3. D	
<b>★</b> 4. B	
Q.37 ADGJ, CFIL, EHKN,	Question ID : 2055233166
	Status : Answered
A. FILO	Chosen Option : 4
B. HKNQ	
C. DGJM	
D. GJMР	
Ans X 1. C	
<b>★</b> 2. B	
<b>★</b> 3. A	
<b>√</b> 4. D	
Q.38 If the rate of interest is 8% per annum and Rs. 10000 lent at the compound interest half yearly then calc equivalent simple rate of interest for the first year?	Question ID : 2055233135
A. 8.16%	Status : Answered
B. 9% C. 7%	Chosen Option : 2
Ans 1. B	
× 2. C	
<b>★</b> 3. D	
<b>✓</b> 4. A	
Q.39 '.docx' file is created with	Question ID : 2055233122
A. Spreadsheet	Status : <b>Answered</b> Chosen Option : <b>4</b>
B. Powerpoint	Chosen Option . 4
C. Word processor	
D. Paint Ans X 1. D	
× 2. B	
X 3. A	
✓ 4. C	
▼	

Q.40 Evaluate (35/2)% of 800gm − (45/2)% of 400gm  A. 50 gm  B. 150 gm  C. 100 gm  D. 80 gm  Ans	Question ID : 2055233143 Status : Answered Chosen Option : 3
Q.41 12 men finished 1/4 part of whole work in 6 days. Find the number of additional men required to complete the job in ne 6 days.  A. 36 B. 12 C. 18 D. 24  Ans 1. D	Question ID : 2055233138 Status : Answered Chosen Option : 1
2. A 3. C 4. B  Q.42 B is the brother of C. D is the sister of B. F is the sister of E who is the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C. How is D related to the son of C. K is the husband of C.	
to F?  A. Maternal Aunt B. Mother C. Sister D. Niece  Ans  1. C  2. B	Question ID : 2055233174  Status : Answered  Chosen Option : 3
Q.43 does not belong to the twelve zodiac signs	
A. Ophiuchus B. Aquarius C. Libra D. Pisces Ans 1. A 2. D 3. C 4. B	Question ID : 2055233125 Status : Answered Chosen Option : 4
Q.44 Rearrange the jumbled letters to make meaningful words and then select the one which is different A. ENIMSAJ B. DLOGIRAM C. TORRAC D. REWOLFNUS	Question ID : 2055233181 Status : Answered Chosen Option : 1



Q.49 An investor invested 1/2 of his capital at 5%, 1/4 at 10% and rest at 8%. If his income after 2 years is Rs. 2800, find the capital amount. Question ID: 2055233136 A. Rs. 10000 Status: Answered B. Rs. 15000 Chosen Option: 1 C. Rs. 20000 D. Rs. 12000 Ans 1. C X 4. A Q.50 The distance between the two poles of length 16 m and 9 m, is X m. If two angles of elevation of their respective top from the bottom of the other are complementary to each other then the value  $\boldsymbol{X}$  is : Question ID: 2055233141 A. 10m Status: Not Attempted and Mark B. 15m ed For Review C. 16m Chosen Option: --D. 12m Ans X 3. B X 4. C Q.51 is not a constituent of tooth paste. Question ID: 2055233114 Status: Answered A. Abrasive Chosen Option: 4 B. Fluoride C. Lubricant D. Surfactant X 1. B Ans X 2. A √ 3. C **X** 4. D Comprehension: Consider the following information and answer questions based on it. Suresh is taller than Ramesh who is shorter than Rakesh. Jinesh is taller than the shortest person but shorter than Rakesh. Pritesh is taller than Suresh but shorter than Jinesh. SubQuestion No: 52 Q.5 Who is the shortest? Question ID: 2055233176 Status: Answered A. Rakesh Chosen Option: 3 B. Ramesh C. Pritesh D. Suresh Ans 💢 1. D 🗙 3. A

<b>★</b> 4. C	
Comprehension:	
Consider the following information and answer questions ba	sed on it.
Suresh is taller than Ramesh who is shorter than Rakesh. Jinesh	is taller than the shortest person but shorter than Rakes
Pritesh is taller than Suresh but shorter than Jinesh.  SubQuestion No: 53	
5 If Jayesh who is taller than Suresh joins the group, who will be fourth, if they are arranged in a descending order?	
B. Jinesh	Question ID : 2055233177 Status : Answered
C. Pritesh	Chosen Option : 4
D. Cannot be determined	
<b>X</b> 2. B	
<b>★</b> 3. C	
✓ 4. D	
Comprehension:  Consider the following information and answer questions ba	sed on it
Suresh is taller than Ramesh who is shorter than Rakesh. Jinesh	is taller than the shortest person but shorter than Rakesl
Pritesh is taller than Suresh but shorter than Jinesh. SubQuestion No: 54	
5 Which statement, among the following, is correct?	0 11 10 1111111
4	Question ID : 2055233178 Status : Answered
A. Suresh is taller than Jinesh.	Chosen Option : 3
B. Pritesh is shorter than Rakesh	
C. Jinesh is taller than Rakesh.	
D. Ramesh is taller than Pritesh.	
ns X 1. A	
× 2. D	
<b>X</b> 3. C	
<b>√</b> 4. B	
.55 If VOTER = 41352, HEATER = 743654, TEASER = 645834, which number represents S?	
A. 1	Question ID : 2055233160
B. 5	Status : Answered
C. 8 D. 7	Chosen Option : 3
ns 🗙 1. A	
<b>★</b> 2. D	
✓ 3. C × 4. B	
<b>★</b> 4. B	

Q.56 Pointing to a man, a woman said "he is the brother of the daughter of my husband's wife". What is the woman to the man?

A. Son B. Mother

C. Father

D. Sister

**X** 1. D

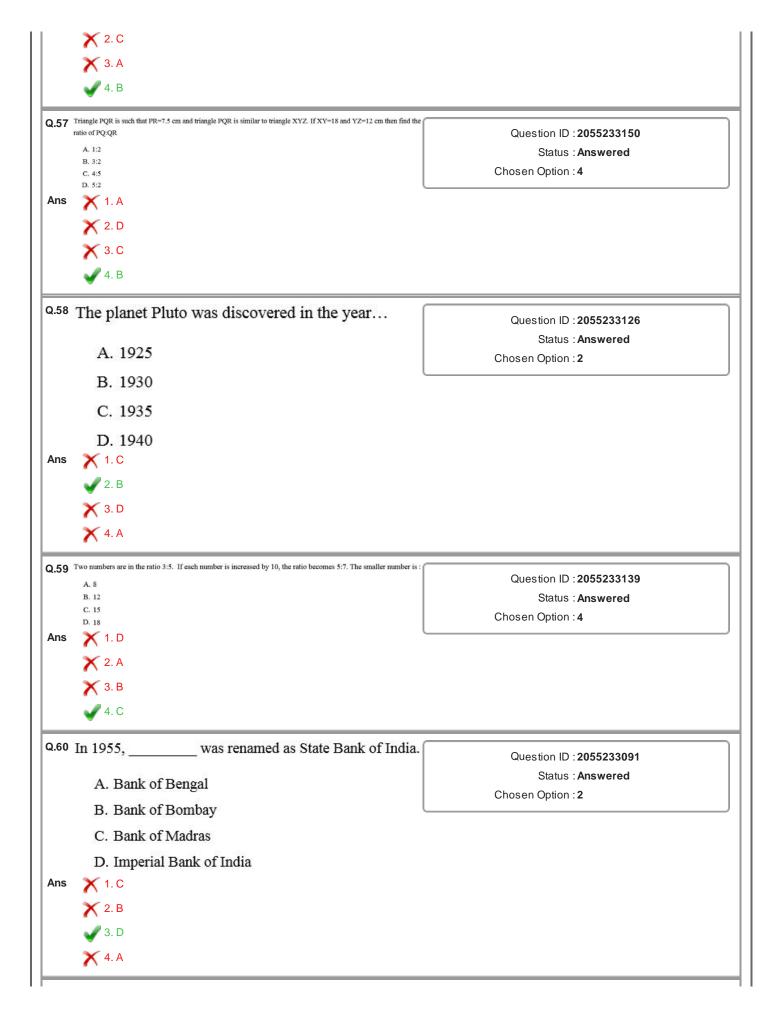
Ans

14/26

Question ID: 2055233172

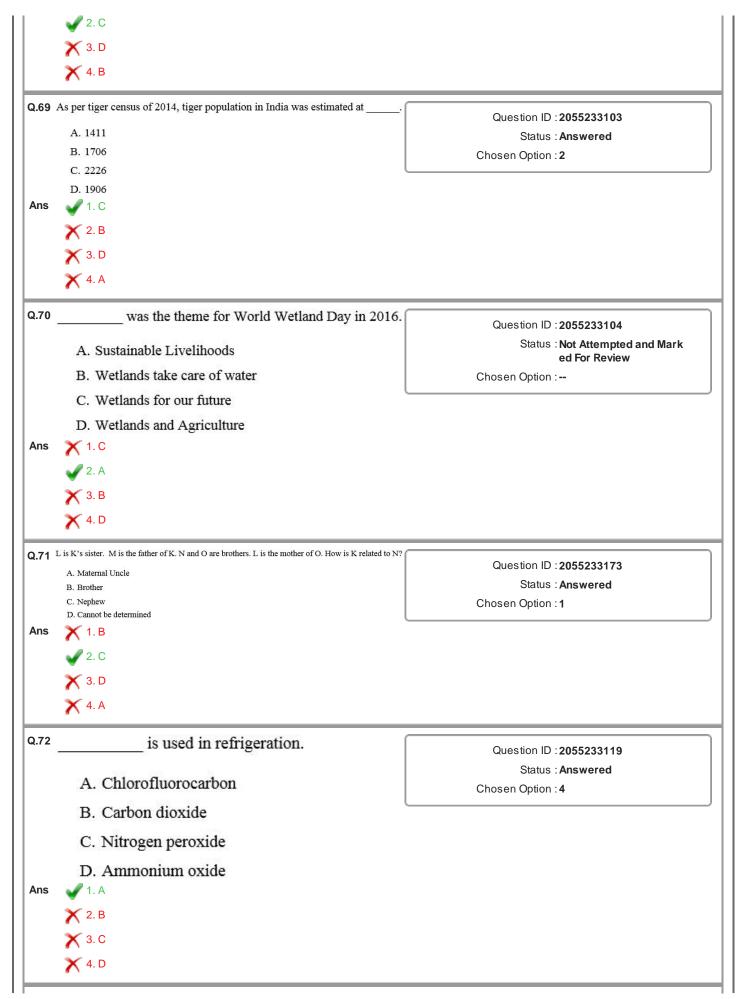
Chosen Option: 4

Status: Answered

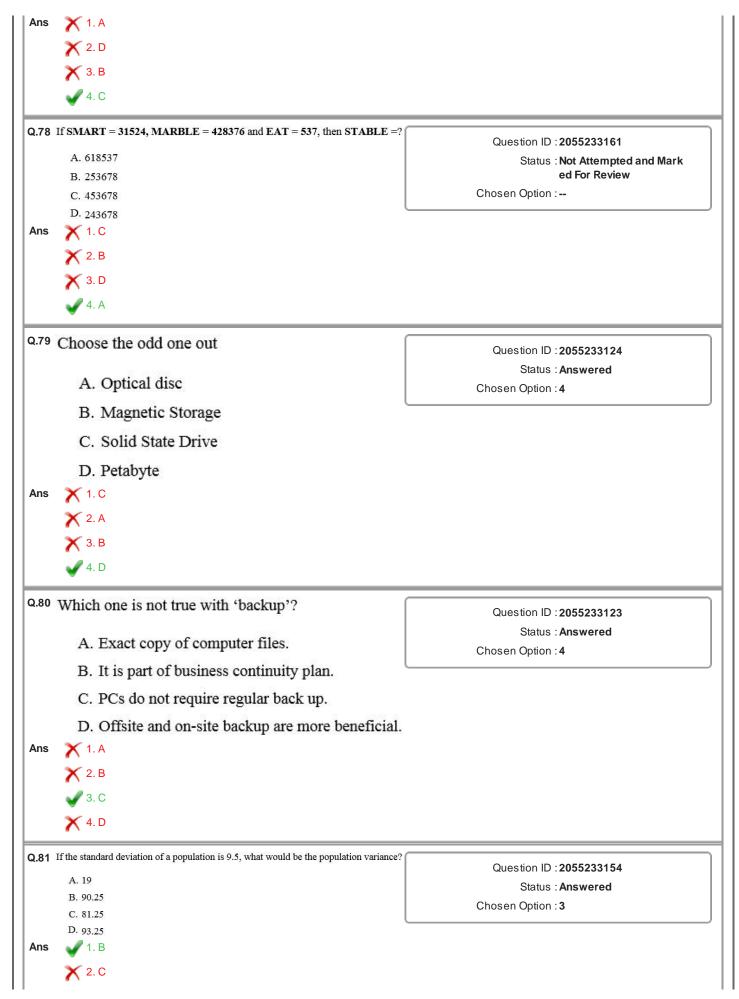


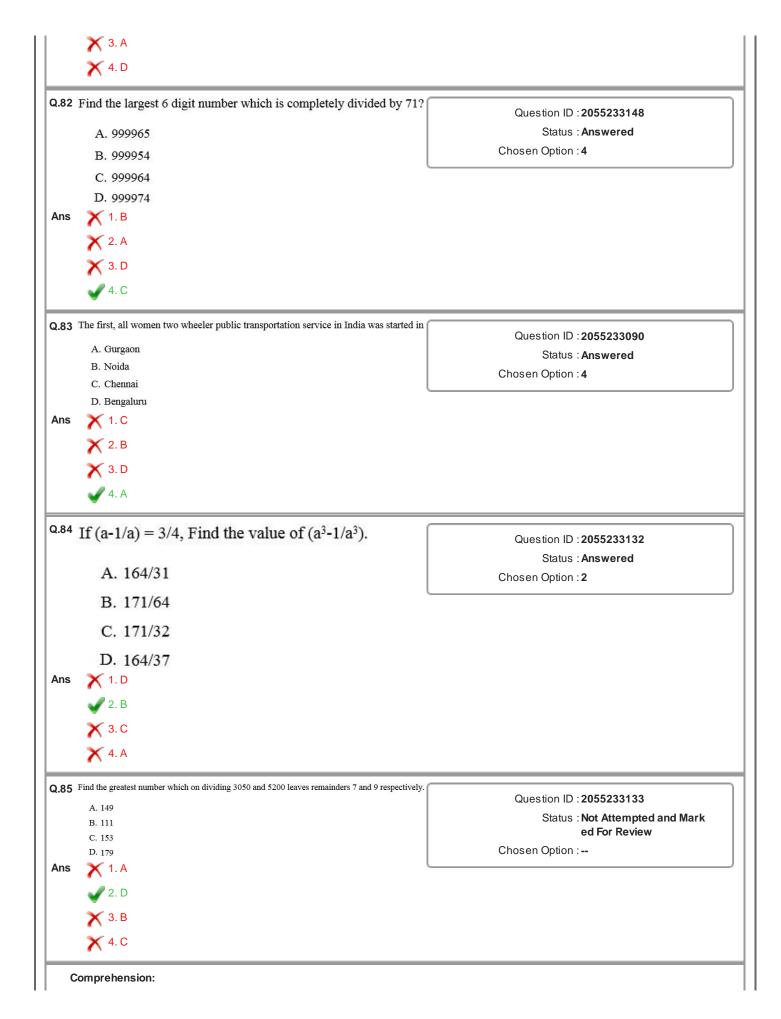
Q.61 Two vessels contain milk and water in the ratio 2:3 and 7:3. Find the ratio in which the Question ID: 2055233140 contents of the two vessels have to be mixed so that the ratio of milk and water in the Status: Answered new mixture is equal. Chosen Option: 3 A. 2:1 B. 1:2 C. 3:2 D. 2:3 Ans 1. A **X** 3. D **X** 4. C Q.62 Find the value of 335 \* 335 - 165 \* 165? Question ID: 2055233146 Status: Answered A. 20000 Chosen Option: 3 B. 85000 C. 85500 D. 27500 X 1. D Ans **X** 2. A √
3. B X 4. C Q.63 Which one is not generally used as a fruit? Question ID: 2055233170 Status: Answered A. Strawberry Chosen Option: 1 B. Grapes C. Pear D. Tomato Ans X 2. B **X** 3. A X 4. C Q.64 'Make in India Week' was launched in \_\_\_\_\_ from 13th to 18th February 2016. Question ID: 2055233092 A. Bhubaneswar Status: Answered B. Udaipur Chosen Option: 2 C. Mysuru D. Mumbai Ans X 1. A X 2. C 🥒 4. D

## Q.65 If Chennai: Tamil Nadu, then : Jharkhand Question ID: 2055233168 Status: Answered A. Raipur Chosen Option: 4 B. Ranchi C. Dhanbad D. Durgapur X 1. A Ans Q.66 Read the given statements carefully and answer the question. Question ID: 2055233192 Status: Not Attempted and Mark Most people get their own cars to office. The number of vehicles on road is increasing ed For Review day by day. It leads to traffic congestion and adds to the ever-increasing air pollution Chosen Option: -issues. As a result, respiratory problems are on a rise. People should, as far as possible, take public transport or do carpooling. Which of the following situations better fits the above statement? A. People are becoming rich day by day and hence buying more cars. B. People can go to the shopping malls in cars but not to office. C. Respiratory problems doesn't affect the people who use public transport. D. More number of vehicles on road leads to traffic congestion. Q.67 The famous forbidden city is in \_\_\_\_\_. Question ID: 2055233110 Status: Answered A. France Chosen Option: 1 B. Italy C. China D. USA X 1. B Ans X 2. D **X** 3. A √ 4. C Q.68 Rate of heat conduction in solids does not depend on Question ID: 2055233112 A. Density of the material Status: Answered Chosen Option: 4 B. Dimensions of the material C. Friction D. Electronic configuration



Q.73 If  $(x^2+1/x^2)=6$ , then find the value of (10x-10/x)Question ID: 2055233130 Status: Not Attempted and Mark A. +/- 15 ed For Review Chosen Option: --B. +/- 20 C. +/- 30 D. +/- 40 Ans **X** 4. A Q.74 Halley's comet is expected to return to the vicinity of earth in the year... Question ID: 2055233127 A. 2086 Status: Not Attempted and Mark ed For Review B. 2061 Chosen Option: --C. 2041 D. 2026 Ans 🗙 1. D 🗙 3. A X 4. C Q.75 Asymmetric Digital Subscriber Line (ADSL) is \_\_\_\_ \_\_\_\_\_technology. Question ID: 2055233128 A. a wireless data communication Status: Answered B. a wired data communication Chosen Option: 4 C. amateur radio communication D. satellite communication Ans X 1. D **√** 3. B X 4. C Q.76 Who was appointed as the Defense Minister when the 16th Lok Sabha was formed in 2014? Question ID: 2055233107 A. Venkaiah Naidu Status: Answered B. Ravi Shankar Prasad Chosen Option: 4 C. Manohar Parikkar D. Suresh Prabhu Ans 🗙 3. B X 4. A Q.77 If ' $\div$ ' means '+', '+' means ' $\div$ ', and '-' means ' $\times$ ', then  $25 \div 25 + 5 \div 2 - 15 = ?$ Question ID: 2055233164 A. 0 Status: Answered B. -12 Chosen Option: 4 C. 60 D. 45





The following table represents the human resource profile of a global company.

Consider the table and answer questions based on it.

Country	No. of offices	Male		Female		Total
		Class I	Class II	Class I	Class II	
US	20	150	50	70	35	305
UK	15	115	40	65	20	240
India	10	125	25	45	90	285
Canada	10	80	30	50	10	170

SubQuestion No: 86

Q.8 The percentage of male employees in India to the total number of employees of the company is

B. 15.5%

C. 15%

D. 20%

Ans

X 1. A

## Comprehension:

The following table represents the human resource profile of a global company.

Consider the table and answer questions based on it.

Country	No. of offices	Male		Female		Total
		Class I	Class II	Class I	Class II	
US	20	150	50	70	35	305
UK	15	115	40	65	20	240
India	10	125	25	45	90	285
Canada	10	80	30	50	10	170

SubQuestion No: 87

Q.8 Total number of employees in the company is

A. 950

B. 960

C. 995

D. 1000

Ans X 1. C

**X** 4. B

Question ID: 2055233187

Question ID: 2055233189

Chosen Option: --

Status: Not Attempted and Mark

ed For Review

Status: Answered

Chosen Option: 1

## Comprehension:

The following table represents the human resource profile of a global company.

Consider the table and answer questions based on it.

Country	No. of offices	Male		Female		Total
		Class I	Class II	Class I	Class II	
US	20	150	50	70	35	305
UK	15	115	40	65	20	240
India	10	125	25	45	90	285
Canada	10	80	30	50	10	170

SubQuestion No:88

Q.8 The ratio of female employees of US to Canada is

A. 4:7

B. 7:4

C. 21:17

D. 21:29

Ans

**₩** 1. B

X 2. A

**X** 3. C **X** 4. D

Q.89 The period of Dominion of India refers to

A. Pre-partition day

B. Pre-Independence day

C. Post Republic day

D. Independence day to Republic day

Ans

🗙 1. A

X 2. E

- **2** 3 □

**X** 4. C

Q.90 Who won the man of the match award in the 2016 Asia Cup T20 held in Bangladesh?

A. Bhuvaneshwar Kumar

B. Virat Kohli C. Shikhar Dhawan

D. R Ashwin

**Ans** 1. D

2. B

3. A

4. C

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

Chosen Option:1

Question ID : 2055233188 Status : Answered

Question ID: 2055233099

Status : Not Attempted and Mark ed For Review

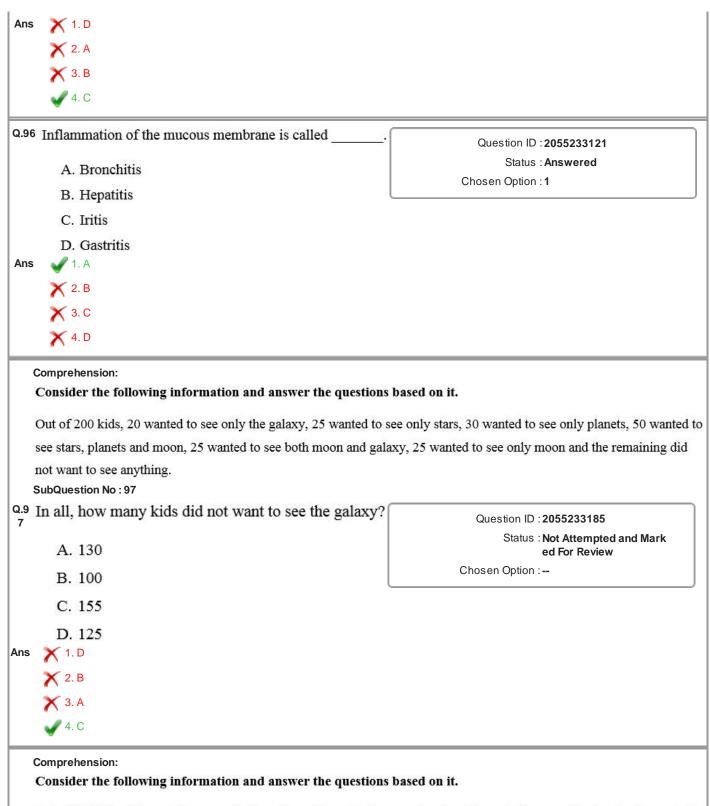
Chosen Option: --

Question ID : 2055233101

Status: Answered

Chosen Option: 2

Q.91 What is the average of first 25 multiples of 11? Question ID: 2055233144 Status: Not Attempted and Mark A. 152 ed For Review Chosen Option: --B. 147 C. 143 D. 134 X 1. B Ans X 4. D **Q.92** If 2x(x+y+z) = 250, 2y(x+y+z) = 100, 2z(x+y+z) = 100, then find the value of (3x+6y+15z). Question ID: 2055233131 A. 110 Status: Answered B. 95 Chosen Option: 3 C. 85 D. 69 Ans X 1. A X 2. C **X** 3. D Q.93 Kakori train robbery took place in the year Question ID: 2055233098 Status: Answered A. 1923 Chosen Option: 1 B. 1924 C. 1925 D. 1926 X 1. B Ans X 2. A 🗙 3. D 4. C Q.94 By selling an article for Rs. 979, a shopkeeper bears a loss of 11%. If shopkeeper sells that article for Rs. 1232, then the Question ID: 2055233157 profit % is: A. 12% Status: Answered B. 21% Chosen Option:1 C. 11% D. 14% X 1.B Ans Q.95 The HCF and LCM of two numbers are 45 and 270 respectively. If the ratio of the two numbers is 2:3 and smaller of the two numbers is X, then find X2. Question ID: 2055233134 A. 2025 Status: Answered B. 4225 Chosen Option: 3 C. 8100 D. 18225



Out of 200 kids, 20 wanted to see only the galaxy, 25 wanted to see only stars, 30 wanted to see only planets, 50 wanted to see stars, planets and moon, 25 wanted to see both moon and galaxy, 25 wanted to see only moon and the remaining did not want to see anything.

SubQuestion No: 98

Q.9 In all, how many kids wanted to see the moon? Question ID: 2055233183 Status: Not Attempted and Mark A. 50 ed For Review Chosen Option: --B. 75 C. 100 D. 120 Ans X 1. D 🥒 4. C Comprehension: Consider the following information and answer the questions based on it. Out of 200 kids, 20 wanted to see only the galaxy, 25 wanted to see only stars, 30 wanted to see only planets, 50 wanted to see stars, planets and moon, 25 wanted to see both moon and galaxy, 25 wanted to see only moon and the remaining did not want to see anything. SubQuestion No: 99 Q.9 How many kids wanted to see at least 2 objects? Question ID: 2055233184 Status: Not Attempted and Mark A. 50 ed For Review Chosen Option: --B. 25 C. 75 D. 55 Ans 1. C Q.10 Manish purchased mobile phone and got 50% concession on the marked price of the phone and sold it for Rs. 8100 with 35% profit on the price he bought. What was the marked price? Question ID: 2055233156 A. Rs. 8000 Status: Answered B. Rs. 12000 Chosen Option: 1 C. Rs. 10000 D. Rs. 9000 Ans 🗶 1. D **X** 3. A X 4. C