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### RRB NTPC Exam

**Previous Paper** 

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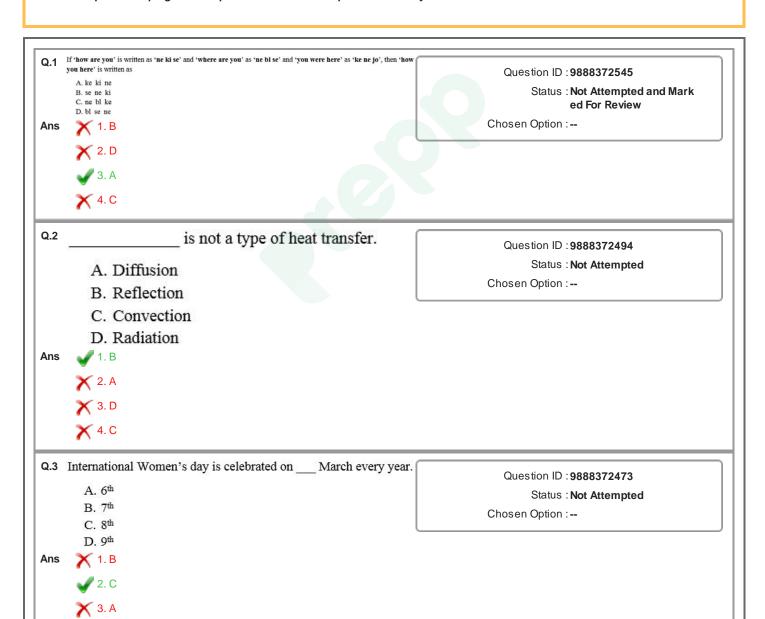
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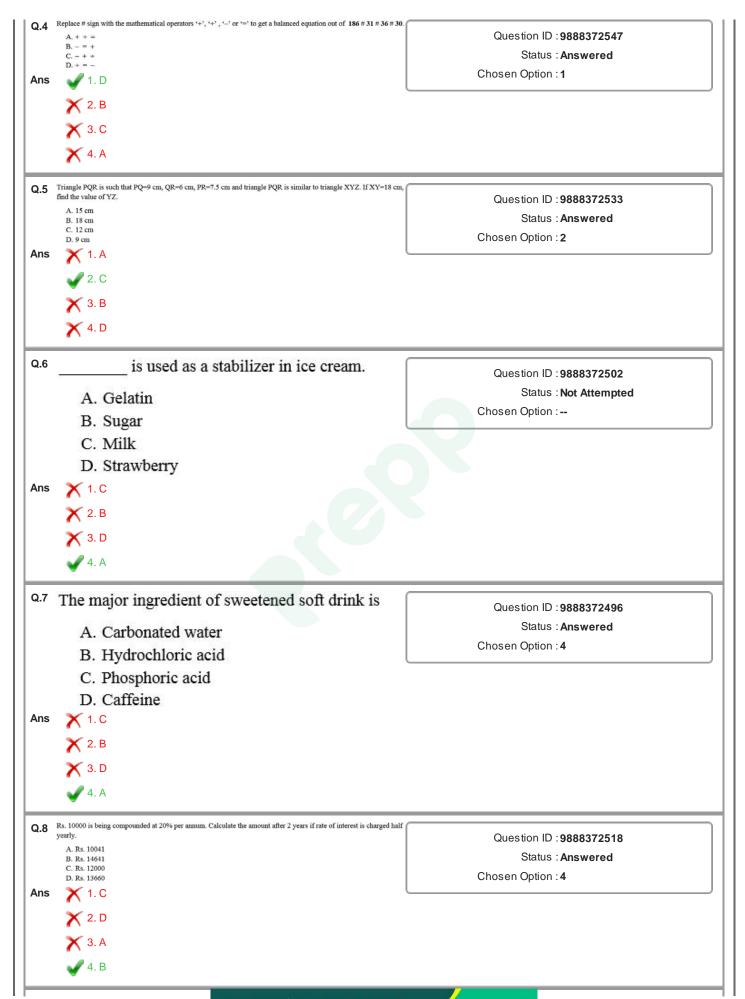
### RAILWAY RECRUITMENT BOARDS रेलवे भर्ती बोर्ड

#### RRB NTPC 19th April 2016 Shift 2

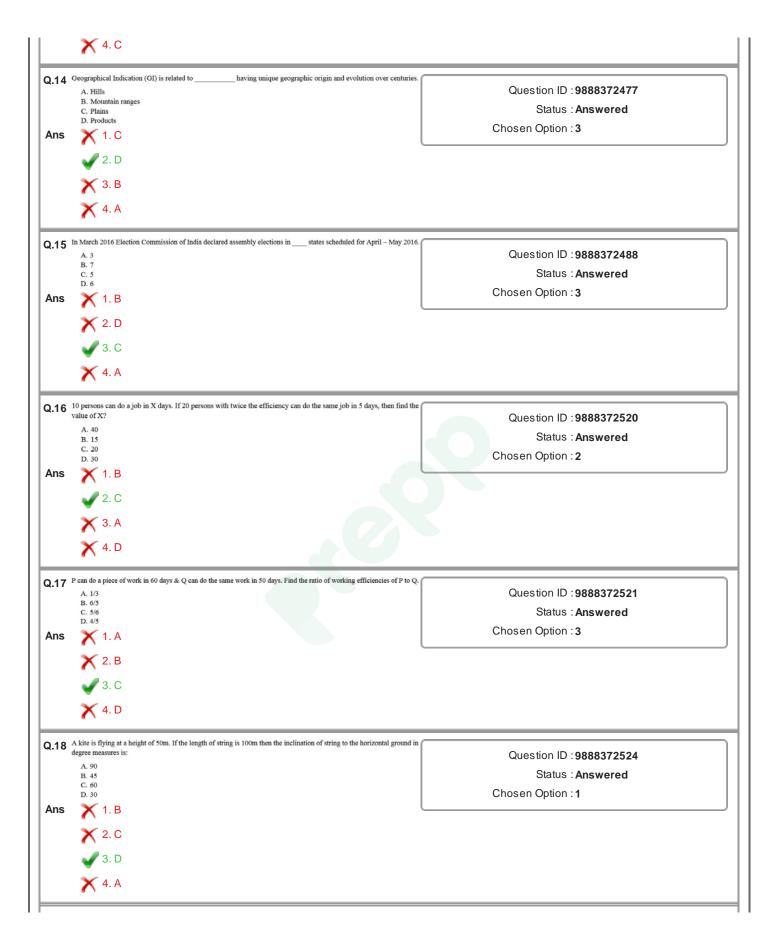
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Test Time:	12:30 PM - 2:00 PM	
Subject:	RRB NTPC Graduate	

- 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.9 Pakistani film industry is known as Question ID: 9888372478 Status: Answered A. Pollywood Chosen Option: 4 B. Lollywood C. Kollywood D. Mollywood X 1. C Ans Q.10 The mean of a distribution is 18 and the standard deviation is 4.5. What is the value of the coefficient of variation? Question ID: 9888372535 B. 25% Status: Not Attempted C. 100% D. 75% Chosen Option: --Ans 🗙 1. D X 3. C Q.11 If  $a^3+b^3+c^3-3abc=0$ , then find the value of  $(a^2/bc+b^2/ac-3)$ . Question ID: 9888372514 A. -c2/ab Status: Answered Chosen Option: 3 B. -c2/bc C. -c3/ba D. -c/a X 1. B Ans X 4. C Q.12 Pointing to a woman, I said that her brother's only son is the brother of my wife. How is the woman related to me? Question ID: 9888372555 B. Mother-in-law Status: Answered C. Sister-in-law D. Sister Chosen Option:4 Ans X 3. C Q.13 Which of the following states does not share a border with Myanmar? Question ID: 9888372476 A. Assam Status: Answered B. Mizoram Chosen Option: 1 C. Nagaland D. Manipur Ans



Q.19 Retinol is mainly related to \_\_\_\_\_. Question ID: 9888372499 Status: Answered A. Vitamin A Chosen Option: 2 B. Vitamin B C. Vitamin D D. Vitamin E Ans X 1. D X 3. C **X** 4. B Q.20 A lady said that father of Rahul's father is my father. How is the lady related to Rahul? Question ID: 9888372557 A. Mother Status: Answered B. Paternal aunt C. Sister Chosen Option: 3 D. Niece 🗙 1. D Ans X 4. C has been selected for the 47th Dadasaheb Phalke Award for 2015. Q.21 Bollywood actor Question ID: 9888372491 A. Dilip Kumar B. Manoj Kumar Status: Answered C. Rajinikanth Chosen Option: 3 D. Anupam Kher X 1. C Q.22 Read the given statement carefully and answer the question. A group of people getting together casually without prior planning and in a relaxed manner is called informal gathering Question ID: 9888372575 Which of the following situations better fits the above statement? Status: Answered A. A group celebrates every month on salary day. Chosen Option: 2 B. Invitees gather on the occasion of wedding reception.
 C. Soon after the release of mark list, top 10 rankers gather to greet each other. D. People gather to witness beating retreat at Wagah border in Amritsar. Ans X 4. B Q.23 Sleep apnea is related to while sleeping. Question ID: 9888372504 Status: Answered A. Walking Chosen Option: 2 B. Talking C. Snoring D. Smiling Ans

<b>★</b> 4. B	
Q.24 Boiling point of water is	Question ID : 9888372511 Status : Answered
A. 210°F	Chosen Option : 2
B. 212°F	
C. 214°F	
D. 208°F	
Ans X 1. A	
<b>√</b> 2. B	
<b>X</b> 3. D	
<b>X</b> 4. C	
Q.25 Circumvent : Bypass : : Comprehensible :	Question ID : 9888372552
A. Understandable	Status : Answered
B. Unclear	Chosen Option : 2
C. Grasping	
D. Apprehend	
Ans X 1.C	
<b>★</b> 2. B	
<b>√</b> 3. A	
<b>★</b> 4. D	
Q.26 Find the sum of first 8 odd prime numbers.	Overtical ID 199997979794
27 <del>72</del> 7	Question ID : 9888372531 Status : Answered
A. 77	Chosen Option : 1
B. 98 C. 75	
D. 100	
Ans  1.B	
× 2. C	
<b>★</b> 3. A	
<b>★</b> 4. D	
Q.27 If a=2b/3, b=2c/3, and c=2d/3, then find the ratio of b and d	
A. 8/9	Question ID:9888372522
B. 4/9	Status : <b>Answered</b> Chosen Option : <b>4</b>
C. 4/3	5.15551. <del>5</del>
D. 5/27	
Ans X 1. D	
<b>X</b> 2. C	
<b>★</b> 3. A	
<b>√</b> 4. B	

Q.28 Windows 10 is

A. an utility software.

B. a browser.

C. an application software.

Q.29 One of the techniques used for desalination of sea water is

D. an operating system.

Ans







Question ID: 9888372507 Status: Answered

Chosen Option: 2

Question ID: 9888372501

Chosen Option: 2

Status: Answered

Ans

X 1. C

A. Filtration

B. Distillation

C. Evaporation D. Condensation



🗙 4. D

#### Comprehension:

The following table represents the number of fans of stars MSD,

VK, RD and SR in different areas of a town. Consider the information and answer the following questions based on it.

	Area 1	Area 2	Area 3	Area 4
VK	2500	1700	2300	5000
MSD	3000	3000	4000	3100
RD	1500	3500	4500	5200
SR	1500	4000	3500	2500

SubQuestion No: 30

Q.3 What is the difference between the numbers of fans of Area 2 to that of Area 3?

A. Area 2 has 2200 more fans

B. Area 2 has 2100 less fans

C. Area 2 has 2100 more fans

D. Area 2 has 2200 less fans

Ans









Comprehension:

Question ID: 9888372571 Status: Answered Chosen Option: 3



The following table represents the number of fans of stars MSD, VK, RD and SR in different areas of a town. Consider the information and answer the following questions based on it.

	Area 1	Area 2	Area 3	Area 4
VK	2500	1700	2300	5000
MSD	3000	3000	4000	3100
RD	1500	3500	4500	5200
SR	1500	4000	3500	2500

SubQuestion No: 31

Q.3 What is the difference between the total number of fans of SR and MSD?

A. 1500

B. 1600

C. 3000

D. 3200

Ans X 1. D

X 4. C

#### Comprehension:

The following table represents the number of fans of stars MSD,

VK, RD and SR in different areas of a town. Consider the information and answer the following questions based on it.

	Area 1	Area 2	Area 3	Area 4
VK	2500	1700	2300	5000
MSD	3000	3000	4000	3100
RD	1500	3500	4500	5200
SR	1500	4000	3500	2500

SubQuestion No: 32

Q.3 In all, who has the highest number of fans?

A. VK

B. MSD

C. RD

D. SR

Ans 💢 1. A

Question ID: 9888372572

Question ID: 9888372570

Chosen Option: 3

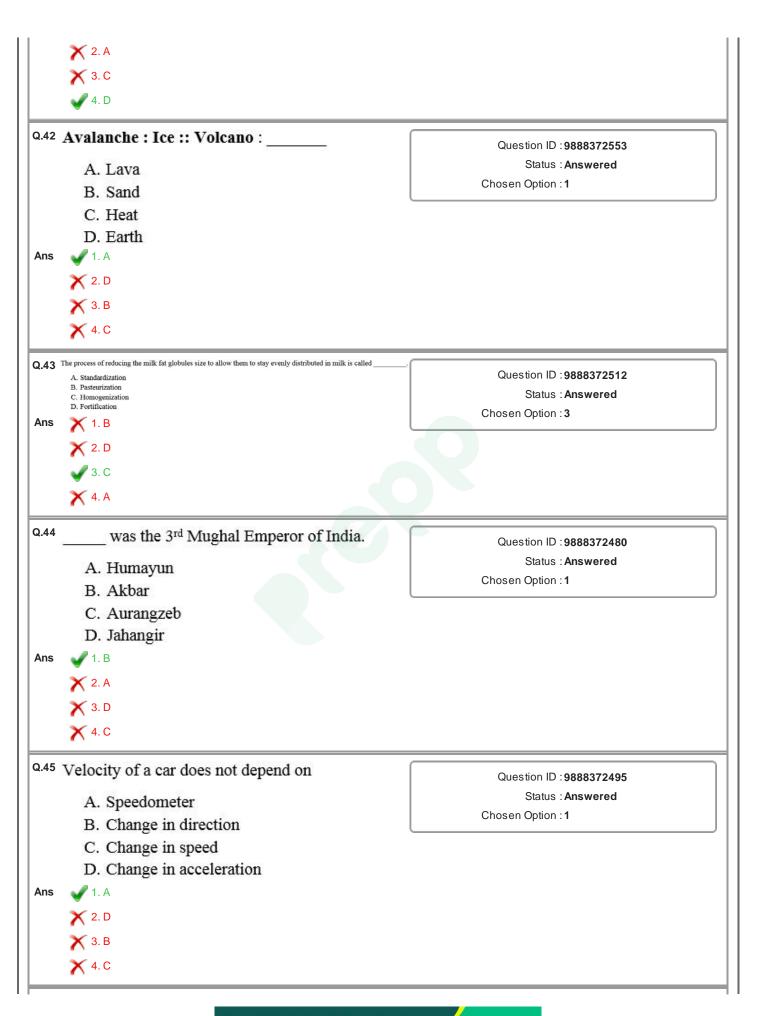
Status: Answered

Status: Answered

Chosen Option: 2

Q.33 Echocardiogram is more closely related to Question ID: 9888372500 Status: Answered A. Doppler effect Chosen Option: 4 B. Zeeman effect C. Photoelectric effect D. Magnetic effect Ans X 1. D Q.34 Statements followed by some conclusions are given below. Question ID: 9888372563 Status: Answered 1. Compulsive online shopping has become a common behavior among youngsters. 2. This is evident from most of those seeking counseling for de-addiction. Chosen Option: 1 I. All youngsters are addicted online shopping. II. All youngsters seek counseling for de-addiction. 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 **X** 4. C Q.35 In a mixture 25 litres, the ratio of milk and water is 4:1. How many litres of milk must be added to make the ratio 16:17 Question ID: 9888372523 Status: Answered Chosen Option: 4 Ans 4. C Q.36 World Wetland day is celebrated every year on Question ID: 9888372487 A. 2nd Status: Not Attempted B. 3rd Chosen Option: --C. 4th D. 5th X 1. B Ans **X** 4. D

Q.37 Night blindness : Sight : : : : : : Speech Question ID: 9888372554 Status: Answered A. Talk Chosen Option: 2 B. Stutter C. Speak D. Lecture Ans X 1. D **X** 3. A X 4. C Q.38 Davis Cup 2015 final was held in Question ID: 9888372485 Status: Not Attempted A. UK Chosen Option: --B. Australia C. Belgium D. Argentina X 1.B Ans Q.39 Mohan starts to calculate sum of all odd natural number less than 83. What result does he get? Question ID: 9888372529 A. 1456 B. 1681 Status: Answered C. 1437 Chosen Option: 3 D. 1671 Ans 🗙 1. C 🗶 2. A X 4. D Q.40 'Start' menu in a standard personal computer is Question ID: 9888372505 Status: Answered A. Part of the hardware Chosen Option: 1 B. A set of options and commands C. Nothing but the status bar D. Network related Ans **X** 3. C X 4. D Q.41 If the mathematical operator '+' means 'x', '+' means '-', 'x' means '+' and '-' means '÷', then Question ID: 9888372548  $24 + 48 - 12 \times 4 \div 2 = ?$ Status: Answered A. 6 Chosen Option: 4 B. -6 C. 16 D. 28

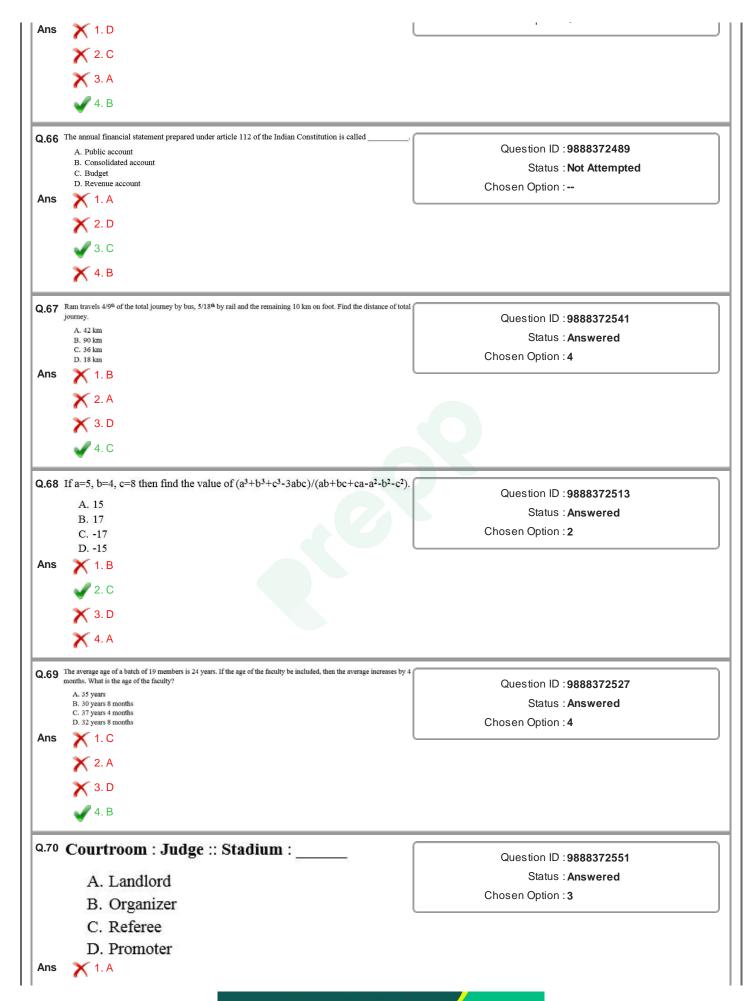


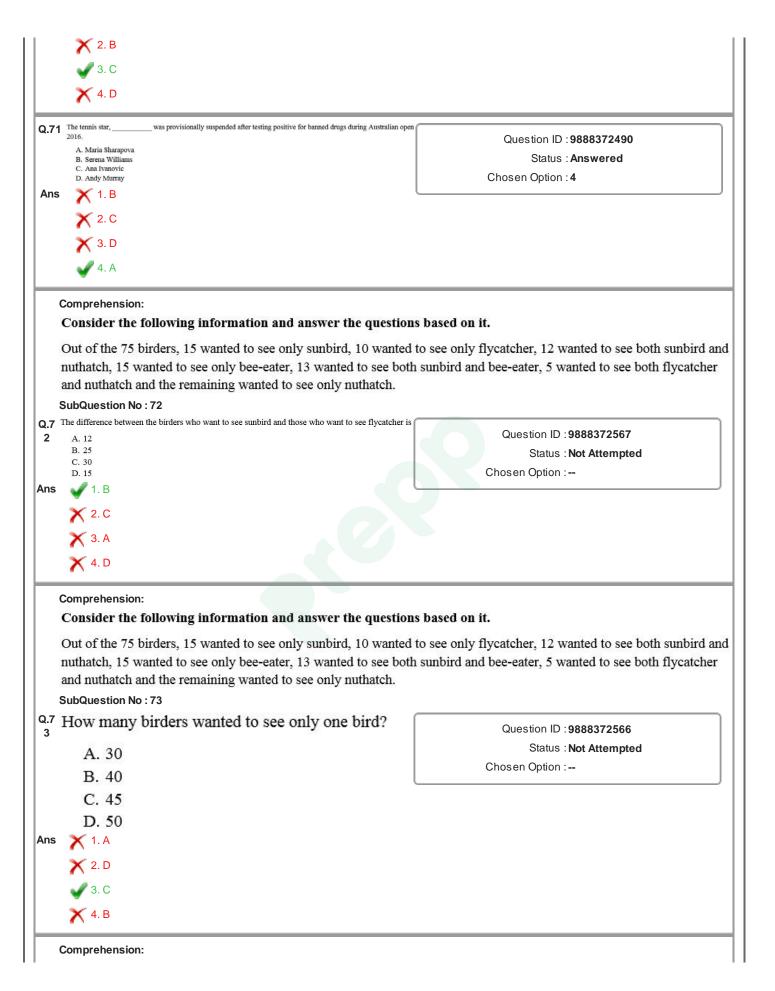
Q.46 The Colosseum, known as the Flavian Amphitheatre, is located in Question ID: 9888372492 A. Venice Status: Answered B. Rome Chosen Option: 4 C. Milan D. Vatican City Ans 🗙 1. A Q.47 Mukesh got series of discount 30%, 25%, 15% on his shirt. Find out the single equivalent discount. Question ID: 9888372538 A. 52.34% B. 38.35% Status: Answered C. 55.38% Chosen Option: 2 D. 57.38% 🗙 1. B Ans Q.48 In March 2016 National Green Tribunal imposed an initial compensation of Rs. 5 Crore on \_ the Yamuna river's flood plains. Question ID: 9888372486 A. Kalki Avatar Foundation Status: Answered B. Art of Living Foundation C. Emissaries of Divine Light Chosen Option: 2 D. Sant Nirankari Mission Ans Q.49 The ancient Indian legal document 'Manusmriti' was written in Question ID: 9888372474 Status: Answered B. Hindi Chosen Option: 4 C. Sanskrit D. Bengali Ans 🗙 1. B X 2. D X 3. A 4. C Q.50 Find the missing (?) in the series: Question ID: 9888372550 Status: Answered ...., FHJ, KMO, PRT, ? Chosen Option: 4 A. UVZ B. UXZ C. UVW D. UWY Ans

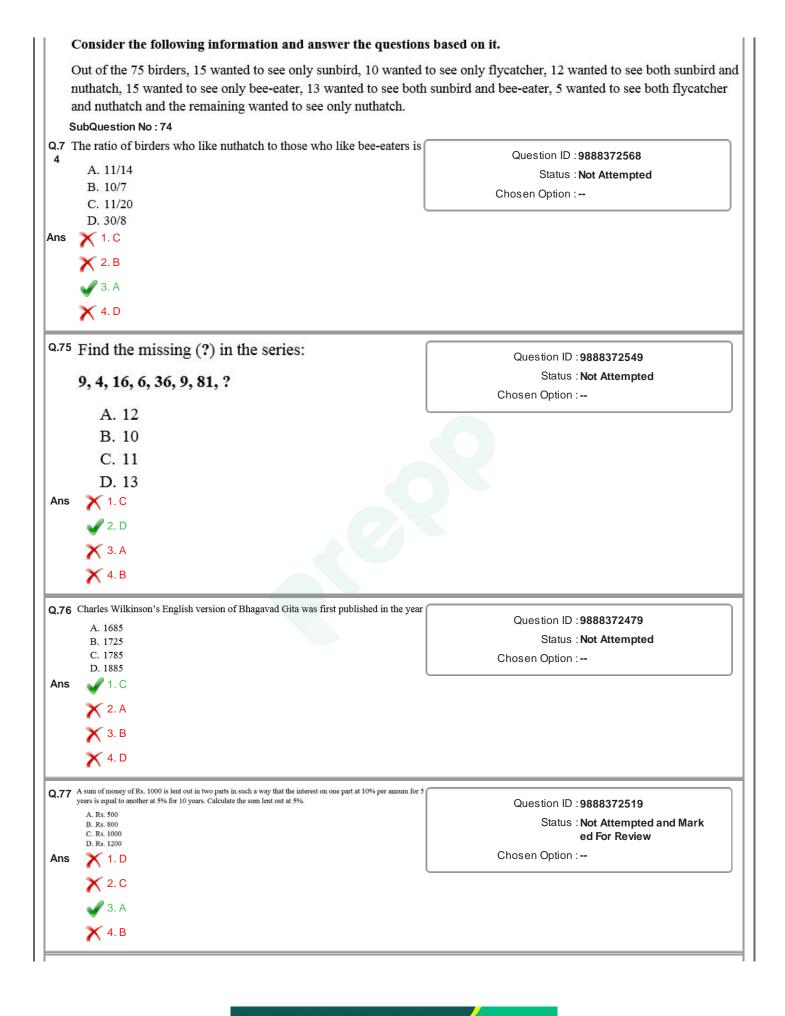
2.51	India won the 2016 Asia Cup T20 held in Bangladesh by wickets.	
	A. 7	Question ID: 9888372484
	B. 6	Status : Not Attempted
	C. 5 D. 8	Chosen Option :
Ans	<b>√</b> 1. D	
	<b>X</b> 2. C	
	<b>★</b> 3. B	
	<b>X</b> 4. A	
	<u>V</u>	
2.52	Kakori train robbery was organized by the in 1925.	Question ID : 9888372481
	A. Swaraj Party	Status : Answered
	B. Indian National Congress	Chosen Option : 3
	C. Anushilan Samiti D. Hindustan Republican Association	
Ans	X 1. A	
	X 2.B	
	✓ 3. D	
	<b>★</b> 4. C	
2.53	The mean of 20 observations is 19. One more observation is included and the new mean becomes 20. The $21^{st}$ observation is:	Question ID : 9888372536
	A. 20 B. 30	Status : Answered
	C. 40 D. 42	Chosen Option : 1
Ans	<b>√</b> 1. C	
	X 2. D	
	<b>★</b> 3. B	
	<b>★</b> 4. A	
Q.54	Golconda Fort was built during .	Question ID : 9888372493
	A. Vijayanagara Empire	Status : Answered
	B. Qutb Shahi dynasty	Chosen Option : 4
	C. Satavahana dynasty	
	D. Hoysala Dynasty	
۸ne		
Ans	X 1. A	
	<b>X</b> 2. D	
	<b>X</b> 3. C	
	<b>√</b> 4. B	
2.55	Provincial Autonomy was provided by	Overfire ID : 2000070 100
	20 (20 (20 (20 (20 (20 (20 (20 (20 (20 (	Question ID : 9888372482 Status : Answered
	A. The Government of India Act 1935	Chosen Option : 1
	B. The Montague-Chelmsford Report	
	C. The Government of India Act 1919	
	D. The Indian Independence Act 1947	

Ans **X** 3. C **X** 4. D Q.56 Who is number 1 in the Forbes 2016 ranking of World's billionaires? Question ID: 9888372475 A. Warren Buffet Status: Answered B. Amancio Ortega Chosen Option: 2 C. Bill Gates D. Carlos Slim Helu X 1. B Ans X 4. D Q.57 In a factory, 60 workers can stitch 120 m of clothes in 7 days, what length of clothes can be stitched by 70 workers in 5 days? Question ID: 9888372528 A. 100 m Status: Answered B. 90 m C. 85 m Chosen Option: 4 D. 110 m Ans √ 4. A Q.58 Which one reveals, more appropriately, functioning of the heart? Question ID: 9888372503 A. Electrocardiogram Status: Answered B. Echocardiogram Chosen Option: 4 C. Stethoscope D. Lipid profile Ans **X** 4. A Q.59 Given that  $(a^2+b^2)=60$ , then find the value of  $(a+b)^2 + (a-b)^2$ . Question ID: 9888372515 A. 90 Status: Answered B. 120 Chosen Option: 4 C. 140 D. 150 Ans X 1. C X 3. D Q.60 Mother of K's father is the sister of G. S is the daughter of G. How is S related to K's father? Question ID: 9888372556 A. Cousin sister B. Mother Status: Answered C. Paternal Aunt Chosen Option: 1 D. Cannot be determined.

Ans Q.61 A balloon is connected to a meteorological station by a cable of length 130 m, inclined at 60° to the horizontal. Find the height of the balloon from the ground. Assume that there is no slack in cable. Question ID: 9888372525 A. 110.32 m Status: Answered B. 173 m C. 163.28 m Chosen Option: 4 D. 112.58 m Ans 🥒 4. D Q.62 Orbital period of Halley's comet is \_\_\_\_\_\_ years. Question ID: 9888372508 Status: Answered A. 25 Chosen Option: 4 B. 50 C. 75 D. 100 Ans 🗙 1. B Q.63 Find the greatest number which on dividing 1580 and 3800 leaves remainders 8 and 1 respectively. Question ID: 9888372516 A. 262 B. 131 Status: Not Attempted and Mark C. 65.5 ed For Review D. 393 Chosen Option: --Ans **X** 3. C X 4. A Q.64 Which one is not the cause of kidney stone formation? Question ID: 9888372498 Status: Answered A. Drinking more water Chosen Option: 1 B. Diabetic mellitus C. Taking nuts rich in oxalate D. Eating lot of stone forming foods Ans Q.65 If the angles of a triangle are in the ratio of 2:3:5, then find the ratio of the greatest angle to the smallest angle. Question ID: 9888372534 A. 7:2 B. 5:2 Status: Answered C. 5:3 D. 3:5 Chosen Option: 1







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B. Hy C. Ut	odd pair out.  trogen : Air ydrogen : Water ranium : Coins tlphur : Match stick	Question ID : 9888372497 Status : Answered Chosen Option : 4
Q.84 Neeraj purchased a ft Rs. 450 to Rs. 650. W A. Rs. 2800 B. Rs. 2500 C. Rs. 2400 D. Rs. 2000  Ans 1. B  2. C  3. D  4. A	ew shirts for his shop at cost prices ranging from Rs. 400 to Rs. 550 and sold at prices ranging from What is the maximum profit that might be made in selling 10 shirts?	Question ID : 9888372539 Status : Not Attempted Chosen Option :
	corical astronomy there are zodiac divisions.	Question ID : 9888372510 Status : Answered Chosen Option : 1
Q.86 How much is the maproduct at no profit of A. 25% B. 20% C. 30% D. 40% Ans 1. A 2. C 3. B 2. C 3. C 3. C 3. C 3. C 3. C 4. D	ximum % discount that Sheela can offer to her customer on her Marked Price so that she sells her toss, if she had already marked her product by 25% more than the cost price?	Question ID : 9888372540 Status : Not Attempted Chosen Option :
Q.87 If the standard  A. 100 B. 30 C. 5 D. 20 Ans 1. D 2. B 3. A 4. C	deviation of a population is 10, what would be the population variance?	Question ID : 9888372537 Status : Answered Chosen Option : 3

Q.88 An assertion (A) and a reason (R) are given below. Question ID: 9888372573 Assertion (A): Electric wires are generally made of copper. Status: Answered Reason (R): Copper is a good conductor. Chosen Option: 3 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 X 4. C Q.89 Ram is thrice as fast as Mohan and Mohan is twice as fast as Sohan. The distance covered by Sohan in 42 minutes will be Question ID: 9888372542 A. 18 minutes Status: Answered B. 21 minutes C. 20 minutes Chosen Option: 2 D. 22 minutes Ans 1. A **X** 4. C Q.90 An angle is 60° more than one fifth of its complement. Find the smaller angle in degrees. Question ID: 9888372532 A. 65° Status: Answered B. 35° Chosen Option: 1 C. 25° D. 45° Ans 🗙 3. D X 4. A Comprehension: Consider the following information and answer questions based on it. Seven bottles colored - brown, blue, black, violet, white, indigo and purple are kept in a row, in random order, from left to right such that the -1. White and purple bottles are not at either extremes. Brown bottle is to the immediate right of violet bottle and to the immediate left of the white bottle. 3. White, violet and brown bottles are not at the center. 4. Black bottle is to the immediate left of purple bottle. Blue bottle is neither second last nor at either extremes. SubQuestion No: 91 Q.9 Bottles at the extreme right and left ends are Question ID: 9888372561 Status: Answered A. Violet and purple Chosen Option: 1 B. Indigo and violet

C. Black and indigoD. Black and violet



#### Comprehension:

#### Consider the following information and answer questions based on it.

Seven bottles colored – brown, blue, black, violet, white, indigo and purple are kept in a row, in random order, from left to right such that the –

- 1. White and purple bottles are not at either extremes.
- 2. Brown bottle is to the immediate right of violet bottle and to the immediate left of the white bottle.
- 3. White, violet and brown bottles are not at the center.
- 4. Black bottle is to the immediate left of purple bottle.
- 5. Blue bottle is neither second last nor at either extremes.

SubQuestion No: 92

Q.9 Which bottle is at the center of the row?

- A. Black bottle
- B. Indigo bottle
- C. Blue bottle
- D. Purple bottle

Ans





**X** 3. A

X 4. D

Question ID : 9888372559
Status : Answered

Chosen Option: 3

#### Comprehension:

#### Consider the following information and answer questions based on it.

Seven bottles colored – brown, blue, black, violet, white, indigo and purple are kept in a row, in random order, from left to right such that the –

- 1. White and purple bottles are not at either extremes.
- 2. Brown bottle is to the immediate right of violet bottle and to the immediate left of the white bottle.
- 3. White, violet and brown bottles are not at the center.
- 4. Black bottle is to the immediate left of purple bottle.
- 5. Blue bottle is neither second last nor at either extremes.

SubQuestion No: 93

Q.9 Which of the following statement is correct?

- A. Indigo bottle is to the immediate left of the purple bottle.
- B. Blue is to the immediate right of the purple bottle.
- C. There are at least five bottles between brown and black.
- D. Black bottle is to the immediate right of the blue bottle.

Ans

**X** 1. *F* 



**X** 3. 0

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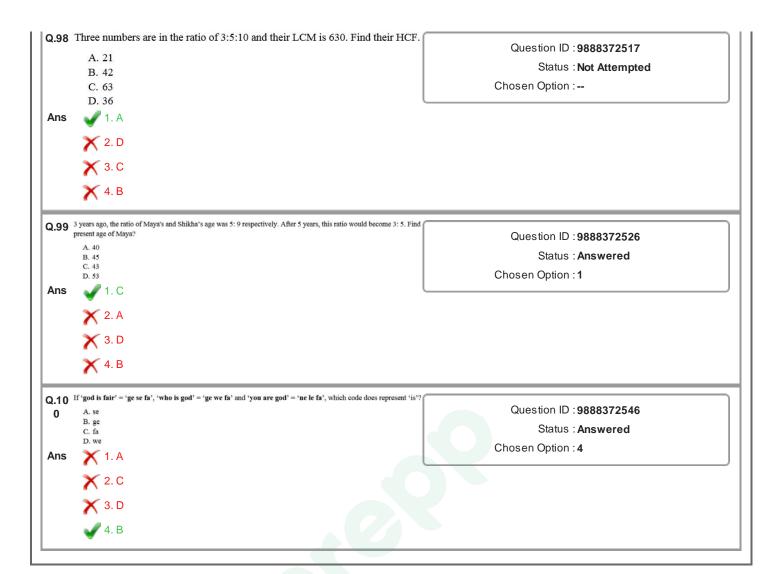
Question ID : 9888372560
Status : Not Attempted

Chosen Option : --

Q.94 Statements followed by some conclusions are given below. Question ID: 9888372562 Statements: 1. Demand and supply determine the prices of goods and services. Status: Not Attempted 2. When there are too many buyers, prices are pushed up and too many sellers push down prices. Chosen Option: --I. Buyers and sellers determine the prices. II. Price discovery is market driven. 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 🗙 4. D Q.95 Find the value of  $6 + 11 + 16 + 21 + \dots + 71$ . Question ID: 9888372530 Status: Answered A. 539 Chosen Option: 1 B. 561 C. 661 D. 639 Ans X 2. D X 4. C Q.96 The astronomer who discovered planet Pluto was Question ID: 9888372509 A. Sylvain Arend Status: Not Attempted B. Joseph Asbrook Chosen Option: --C. Edwin Hubble D. Clyde Tombaugh Ans X 1. C Q.97 Read the given statements carefully and answer the question. Question ID: 9888372574 Statement: The main reasons behind cyber criminals using international phone numbers to cheat the public, by asking their secured credit card details are Status: Answered (i) it is easy to convince people and (ii) it is difficult to trace the calls coming from foreign countries. Chosen Option: 4 Which of the following is true according to the given statement? A. There are only two reasons behind such calls. B. People have full faith in foreign calls. C. It is not possible to trace foreign calls.

D. Cyber criminals prefer international calls to cheat gullible people.

Ans



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