

RAILWAY RECRUITMENT BOARDS रेलवे भर्ती बोर्ड

RRB NTPC 19th April 2016 Shift 2

	1
Test Date:	19/04/2016
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.1	If 'how are you' is written as 'ne ki se' and 'where are you' as 'ne bi se' and 'you were here' as 'ke ne jo', then 'now you here' is written as	
	A. ke ki ne	ı

X 4. C

is not a type of heat transfer. Q.2

A. Diffusion

B. Reflection

C. Convection

D. Radiation

Ans

X 3. D

X 4. C

Q.3 International Women's day is celebrated on ____ March every year.

A. 6th

B. 7th C. 8th

D. 9th

Ans

X 4. D

Question ID: 9888372545

Status: Not Attempted and Mark

ed For Review

Chosen Option: --

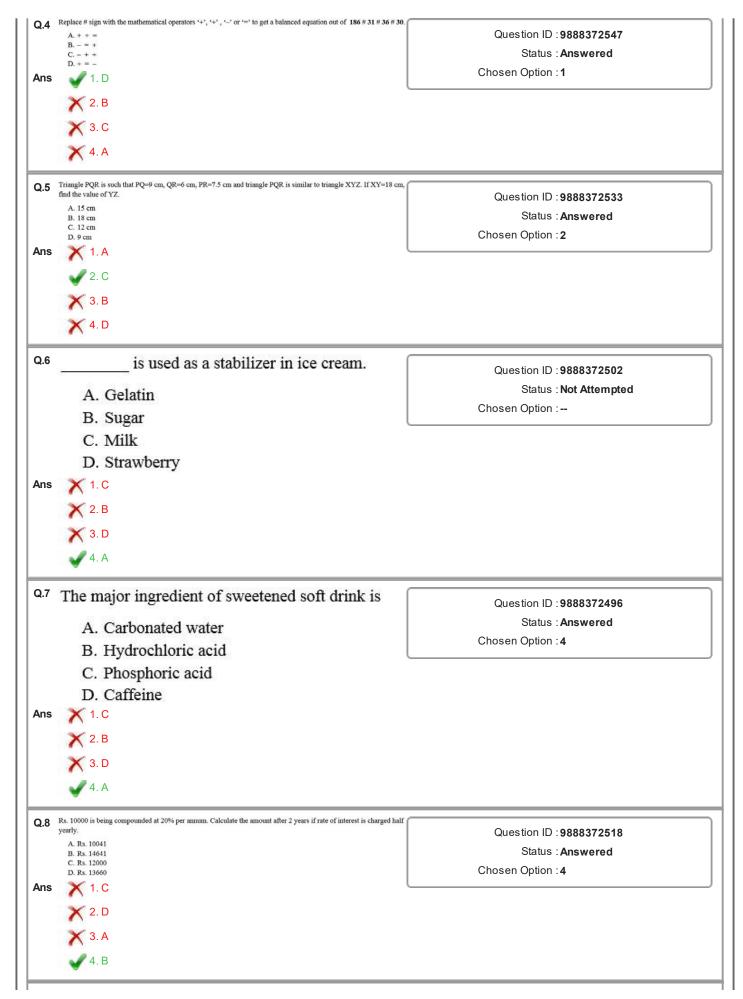
Question ID: 9888372494 Status: Not Attempted

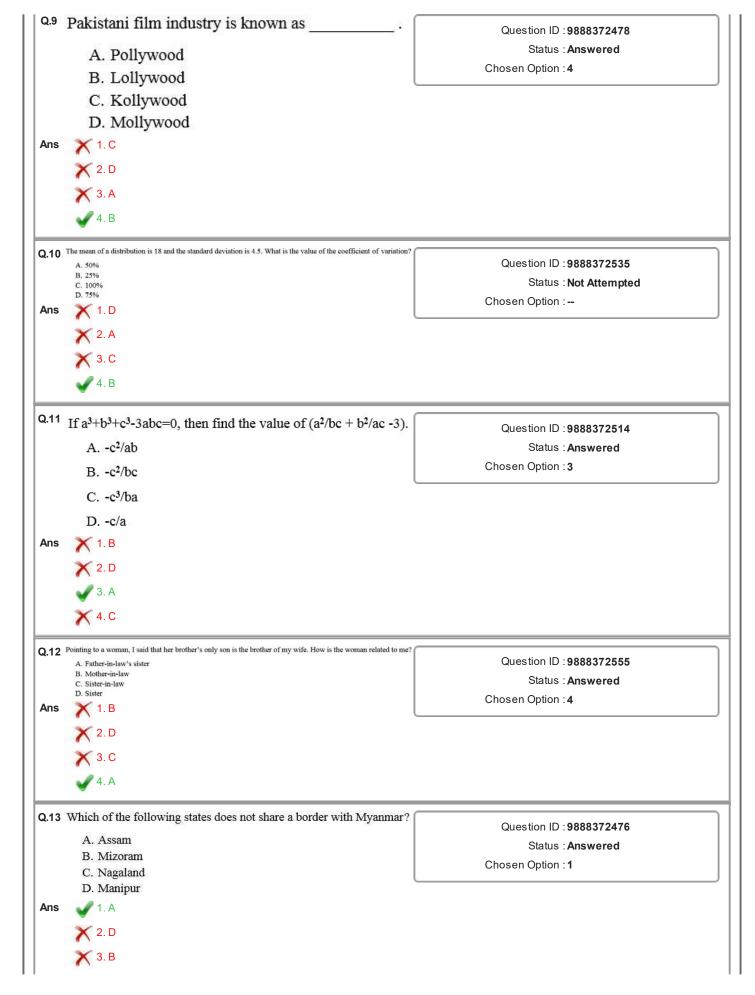
Chosen Option: --

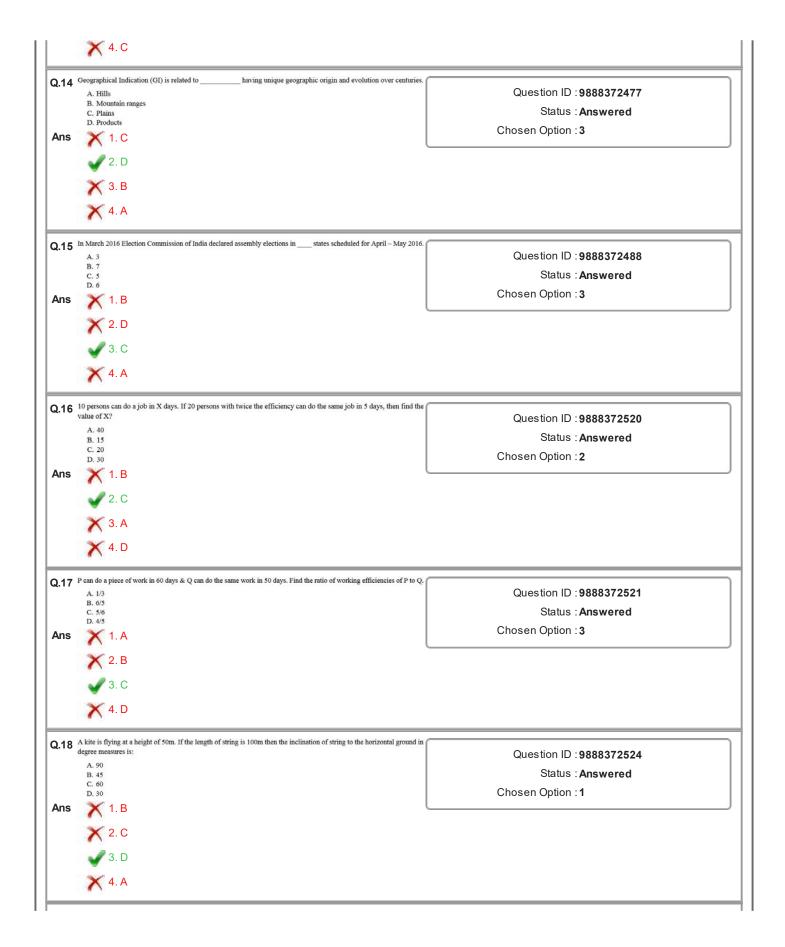
Question ID: 9888372473

Status: Not Attempted

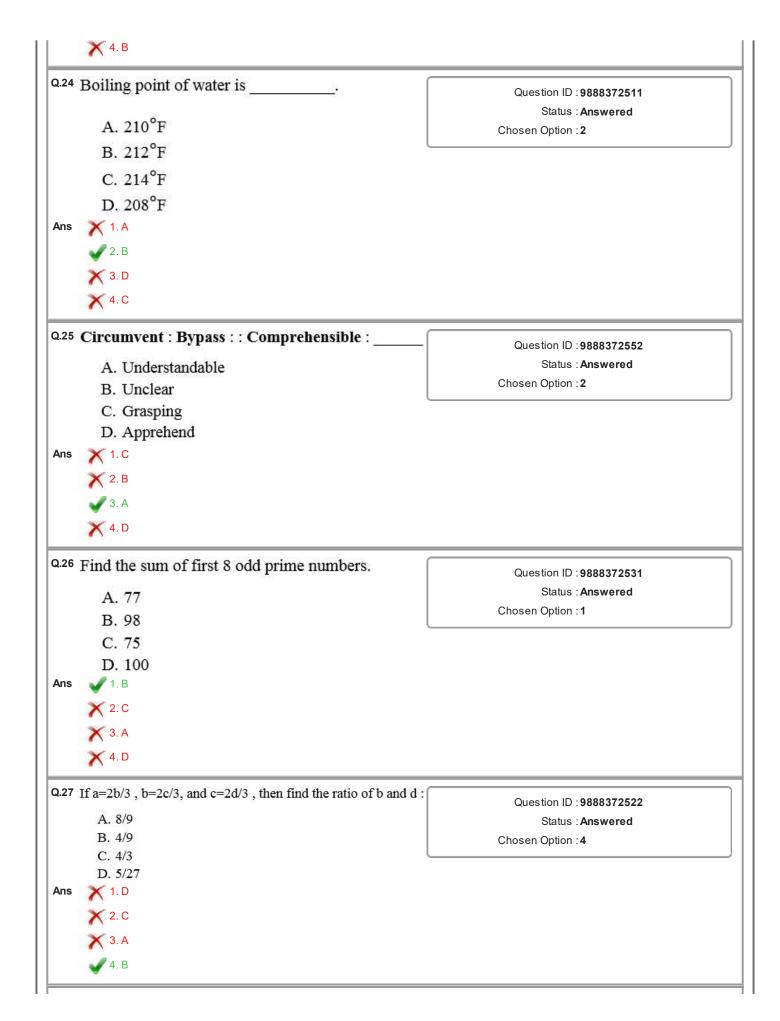
Chosen Option: --







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 X 1. D 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



Q.28 Windows 10 is

A. an utility software.

B. a browser.

C. an application software.

D. an operating system.

Ans







X 4. A

Question ID : 9888372501

Question ID : 9888372507 Status : Answered

Chosen Option: 2

Status : Answered

Chosen Option : 2

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

A. Filtration

B. Distillation

C. Evaporation

D. Condensation

Ans

X 1. C



X 3. A

X 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 2. A

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

Question ID: 9888372572

Question ID: 9888372570

Chosen Option: 3

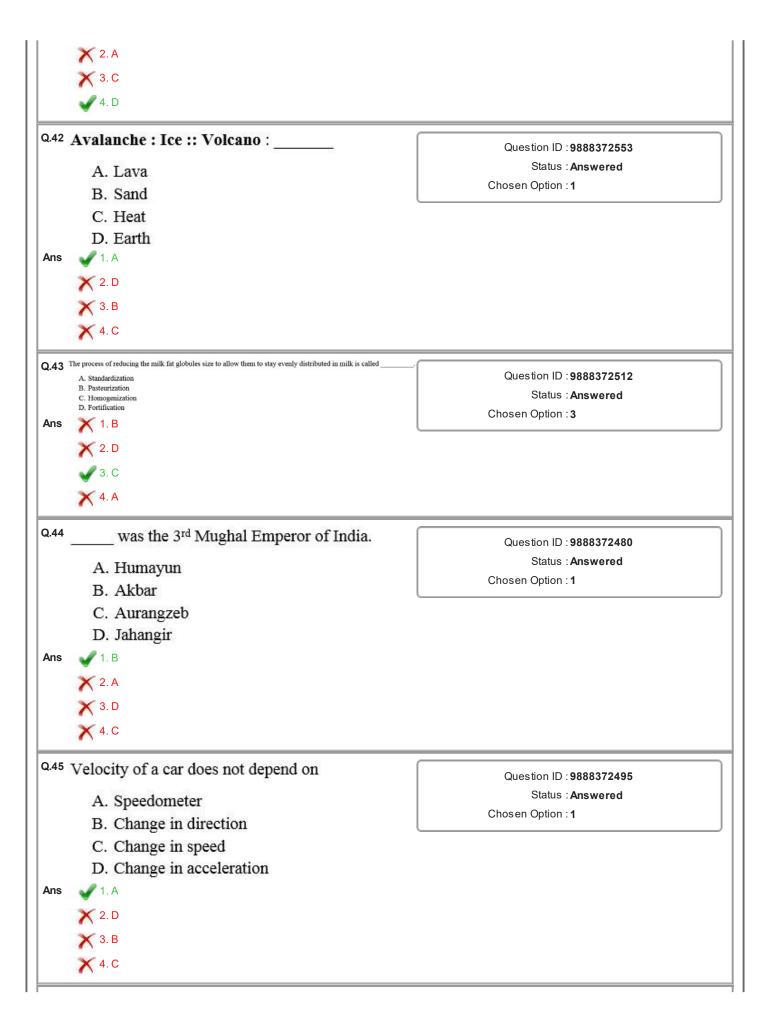
Status: Answered

Status: Answered

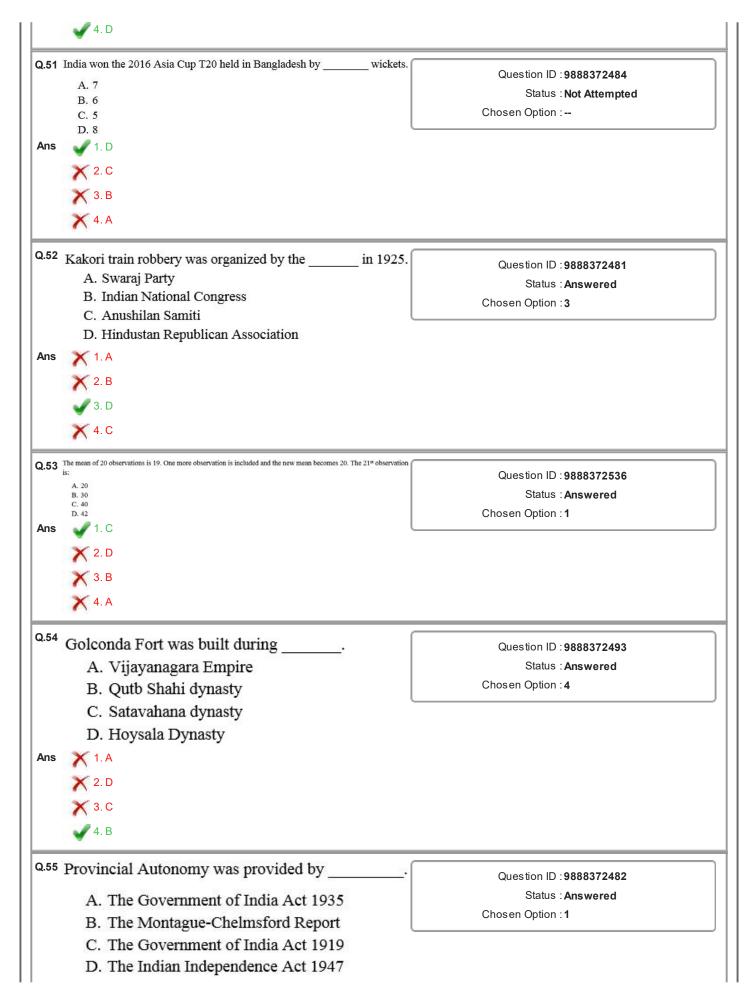
Chosen Option: 2

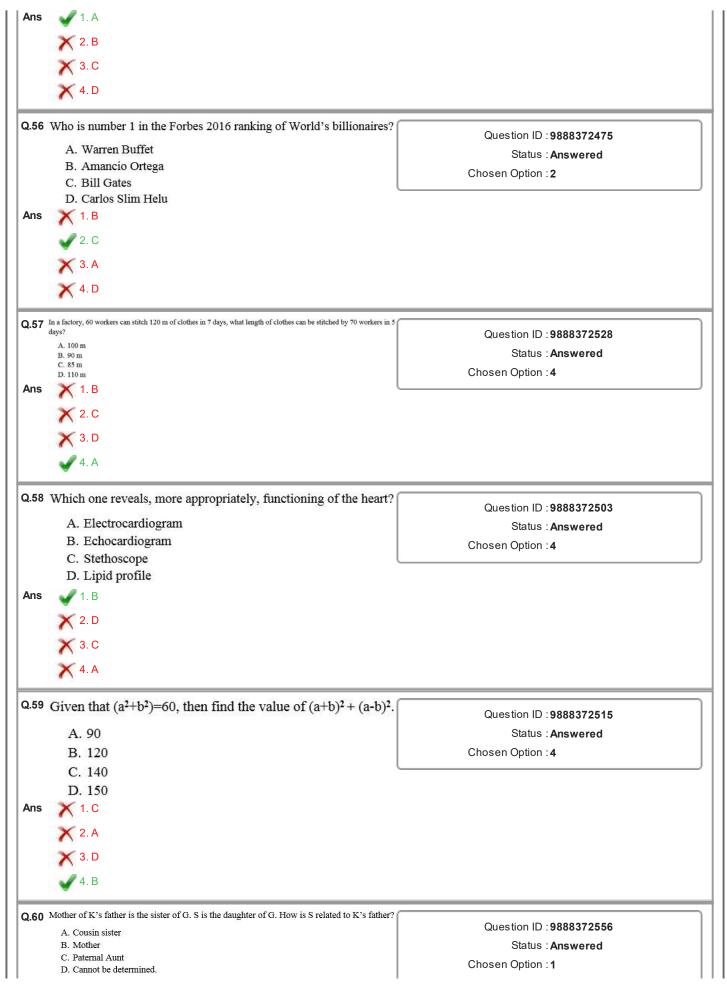
Q.33 Echocardiogram is more closely related to Question ID: 9888372500 Status: Answered A. Doppler effect Chosen Option: 4 B. Zeeman effect C. Photoelectric effect D. Magnetic effect X 1. D Ans Q.34 Statements followed by some conclusions are given below. Question ID: 9888372563 Status: Answered 1. Compulsive 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 16:1? Question ID: 9888372523 Status: Answered Chosen Option:4 Ans 4. C Q.36 World Wetland day is celebrated every year on ____ February. Question ID: 9888372487 A. 2nd Status: Not Attempted B. 3rd Chosen Option: --C. 4th D. 5th Ans X 1. B

Q.37 Night blindness : Sight : : : Speech Question ID: 9888372554 Status: Answered A. Talk Chosen Option: 2 B. Stutter C. Speak D. Lecture Ans 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 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 X 1. C X 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 **1.B** X 3. C X 4. D Q.41 If the mathematical operator '+' means '×', '+' means '-', '×' 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

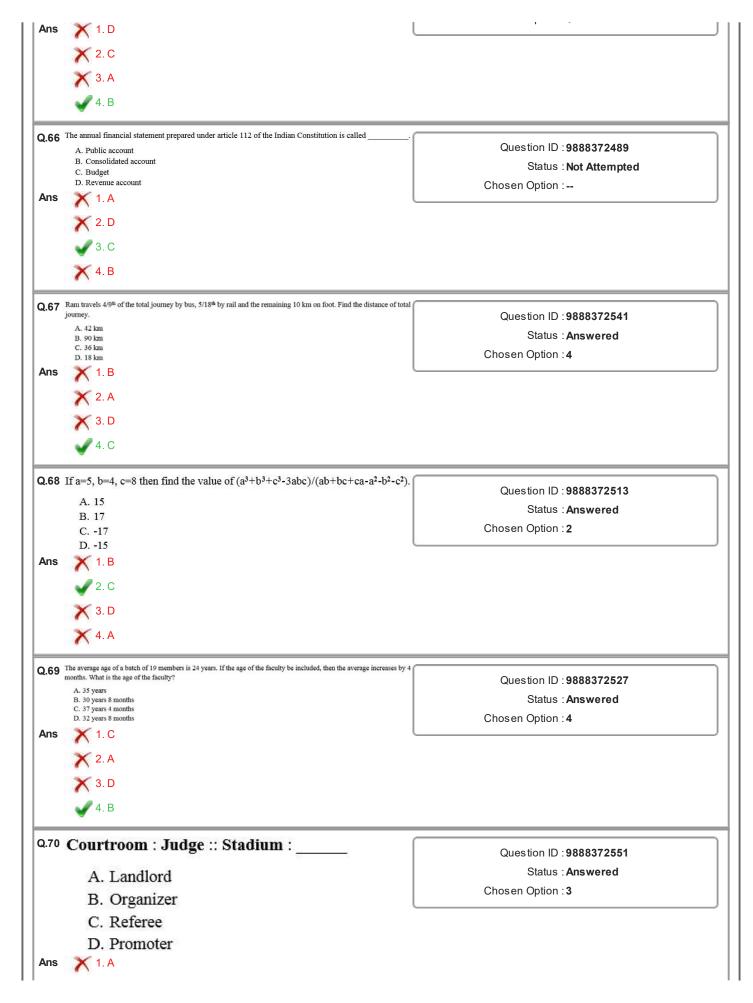


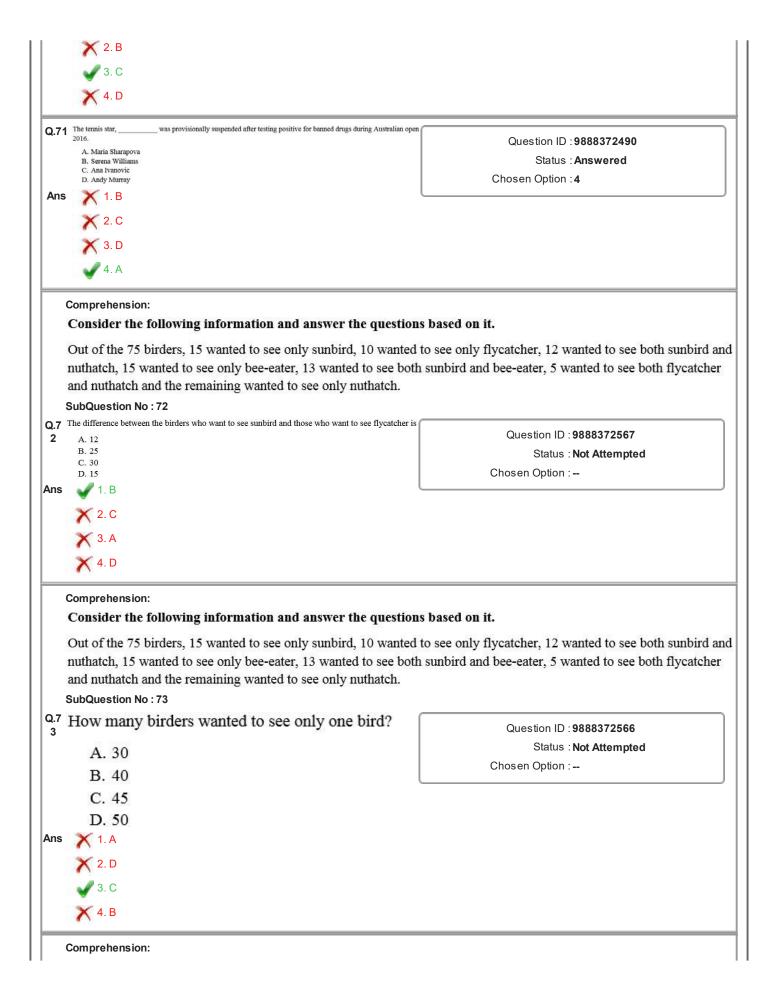
Q.46	The Colosseum, known as the Flavian Amphitheatre, is located in	Question ID : 9888372492
	A. Venice	
	B. Rome	Status : Answered
	C. Milan	Chosen Option : 4
	D. Vatican City	
Ans	X 1.A	
	× 2.C	
	X 3.D	
	√ 4. B	
Q.47	Mukesh got series of discount 30%, 25%, 15% on his shirt. Find out the single equivalent discount.	Question ID : 9888372538
	A. 52.34% B. 38.35%	
	C. 55.38%	Status : Answered
	D. 57.38%	Chosen Option : 2
Ans	X 1.B	
	√ 2. C	
	•	
	★ 3. D	
	× 4. A	
3 48	In March 2016 National Green Tribunal imposed an initial compensation of Rs. 5 Crore on for tampering with	
2.40	the Yamuna river's flood plains.	Question ID : 9888372486
	A. Kalki Avatar Foundation B. Art of Living Foundation	Status : Answered
	C. Emissaries of Divine Light	Chosen Option : 2
Ans	D. Sant Nirankari Mission 1. C	Chosen Option .2
A113	N 1.0	
	√ 2. B	
	★ 3. A	
	★ 4. D	
Q.49	The ancient Indian legal document 'Manusmriti' was written in	Over them ID : 0000070474
	A. Tamil	Question ID : 9888372474
	B. Hindi	Status : Answered
	C. Sanskrit	Chosen Option : 4
	D. Bengali	
Ans	★ 1.B	
	× 2. D	
	X 3. A	
	√ 4. C	
_		
Q.50	Find the missing (?) in the series:	Ougstion ID - 0000270FF0
	NATIONAL PROPERTY OF THE PROPERTY OF	Question ID : 9888372550
	, FHJ, KMO, PRT, ?	Status : Answered
	000000 - Conservation (1 Construction of the Construction of C	Chosen Option : 4
	A. UVZ	
	B. UXZ	
	C. UVW	
	D. UWY	
Ans		
AI IS	1. A	
	X 2.C	
	X 2.C	
	★ 2. C ★ 3. B	





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 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 2. D 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 Status: Answered C. 5:3 D. 3:5 Chosen Option: 1





Consider the following information and answer the questions based on it. Out of the 75 birders, 15 wanted to see only sunbird, 10 wanted to see only flycatcher, 12 wanted to see both sunbird and nuthatch, 15 wanted to see only bee-eater, 13 wanted to see both sunbird and bee-eater, 5 wanted to see both flycatcher and nuthatch and the remaining wanted to see only nuthatch. SubQuestion No: 74 Q.7 The ratio of birders who like nuthatch to those who like bee-eaters is Question ID: 9888372568 A. 11/14 Status: Not Attempted B. 10/7 Chosen Option: --C. 11/20 D. 30/8 X 1. C Ans X 4. D Q.75 Find the missing (?) in the series: Question ID: 9888372549 Status: Not Attempted 9, 4, 16, 6, 36, 9, 81, ? Chosen Option: --A. 12 B. 10 C. 11 D. 13 Ans X 3. A X 4. B Q.76 Charles Wilkinson's English version of Bhagavad Gita was first published in the year Question ID: 9888372479 A. 1685 Status: Not Attempted B. 1725 C. 1785 Chosen Option: --D. 1885 Ans X 4. D Q.77 A sum of money of Rs. 1000 is lent out in two parts in such a way that the interest on one part at 10% per annum for 5 years is equal to another at 5% for 10 years. Calculate the sum lent out at 5%. Question ID: 9888372519 A. Rs. 500 Status: Not Attempted and Mark B. Rs. 800 C. Rs. 1000 ed For Review D. Rs. 1200 Chosen Option: --Ans X 4. B

Q.78	In a certain code, 329 means 'you are bad', 419 means 'bad is good' and 195 means 'nothing is bad' represents 'good'.	O	
	A. 9		:9888372544
	B. 4 C. 1	Status	: Not Attempted
	D. 3	Chosen Option	:
Ans	X 1.D		
	√ 2. B		
	•		
	× 3. A		
	X 4. C		
	1100 0		
Q.79	Any online 'demo' is	O	.0000070500
	And the state of t		:9888372506
	A. An interactive presentation		: Answered
	B. A non-interactive presentation	Chosen Option	:2
	C. Not a sequential presentation		
	 D. An active user interface 		
Ans	X 1. A		
	✓ 2. B		
	X 3. C		
	X 4. D		
Q.80	In a certain code, 324 means 'are you alright', 783 means 'you come home' and 9271 means 'we are at home'. Which		
	digit represents 'come'? A. 8		:9888372543
	B. 9 C. 7		: Not Attempted
	D. 3	Chosen Option	:
Ans	X 1.C		
	★ 2. D		
	X 3. B		
	√ 4. A		
Q.81	The game of football is also referred to as	Question ID	:9888372483
	A. Durahar		:Answered
	A. Rugby	Chosen Option	
	B. Poker	Chosen Option	.3
	C. Soccer		
	D. Ping-Pong		
Ans	X 1.D		
	1.1 · · · · · · · · · · · · · · · · · ·		
	X 2. B		
	√ 3. C		
	★ 4. A		
	**		
0.82	Rearrange the jumbled letters to make meaningful words and then select the one which is different.		
3.02	A. OMESU	Question ID	:9888372564
1	B. ROTINOM	Status	: Not Attempted
	C DETIAM		
	C. RETIAW D. RETNIRP	Chosen Option	:
Ans		Chosen Option	:
Ans	D. RETNIRP 1. C	Chosen Option	:
Ans	D. RETNIRP 1. C 2. D	Chosen Option	:
Ans	D. RETNIRP 1. C 2. D	Chosen Option	:
Ans	D. RETNIRP 1. C	Chosen Option	:

A. Nitrogen: Air B. Hydrogen: Water C. Uranium: Coins D. Sulphur: Match stick Ans 1.B 2.D 3.A 4.C	Question ID : 9888372497 Status : Answered Chosen Option : 4
Q.84 Neeraj purchased a few shirts for his shop at cost prices ranging from Rs. 400 to Rs. 550 and sold at prices ranging from Rs. 450 to Rs. 650. What is the maximum profit that might be made in selling 10 shirts? A. Rs. 2800 B. Rs. 2500 C. Rs. 2400 D. Rs. 2000 Ans 1. B 2. C 3. D 4. A	Question ID : 9888372539 Status : Not Attempted Chosen Option :
Q.85 As per historical astronomy there are zodiac divisions. A. 9 B. 10 C. 11 D. 12 Ans 1.D 2.B 3.A 4.C	Question ID : 9888372510 Status : Answered Chosen Option : 1
Q.86 How much is the maximum % discount that Sheela can offer to her customer on her Marked Price so that she sells her product at no profit or loss, if she had already marked her product by 25% more than the cost price? A. 25% B. 20% C. 30% D. 40% Ans 1. A 2. C 3. B 4. D	Question ID : 9888372540 Status : Not Attempted Chosen Option :
Q.87 If the standard deviation of a population is 10, what would be the population variance? A. 100 B. 30 C. 5 D. 20 Ans 1. D 2. B 3. A 4. C	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 Ans 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 covered by Mohan in: Question ID: 9888372542 A. 18 minutes B. 21 minutes Status: Answered C. 20 minutes D. 22 minutes Chosen Option: 2 Ans X 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 X 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. 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: 91 Q9 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

1. B

Ans



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







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.

Chosen Option: --

Question ID: 9888372560

Status: Not Attempted

Ans







Q.94 Statements followed by some conclusions are given below. Question ID: 9888372562 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: --Conclusions: 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 X 1. A X 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 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 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

