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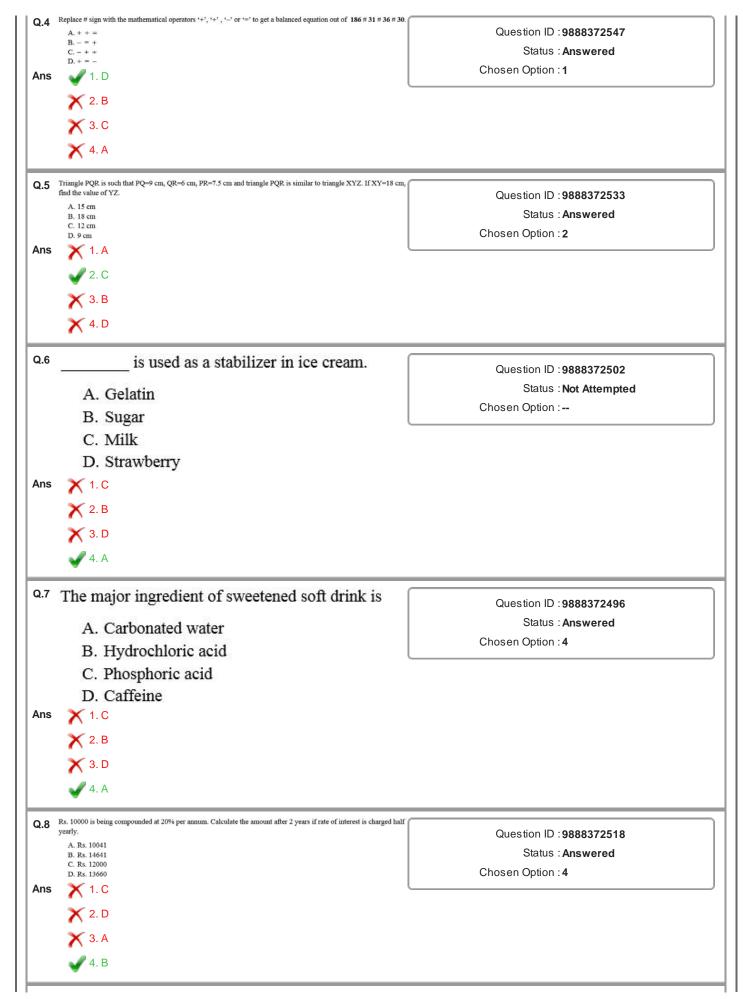
RAILWAY RECRUITMENT BOARDS रेलवे भर्ती बोर्ड

RRB NTPC 19th April 2016 Shift 2

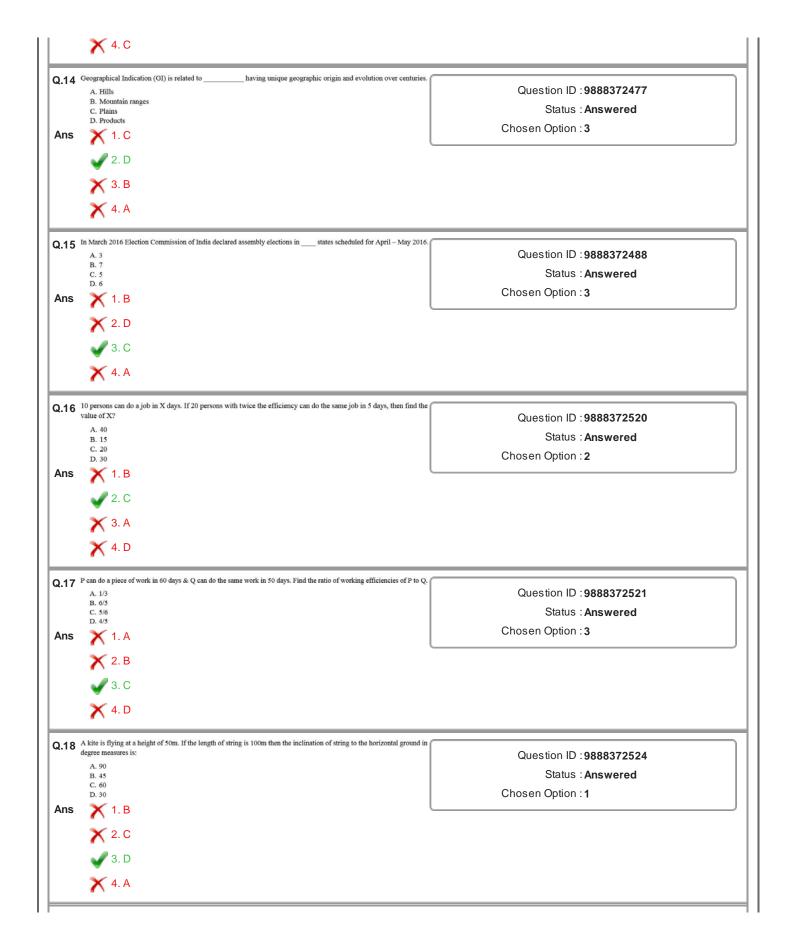
| Test Date: | 19/04/2016 |
|------------|--------------------|
| Test Time: | 12:30 PM - 2:00 PM |
| Subject: | RRB NTPC Graduate |

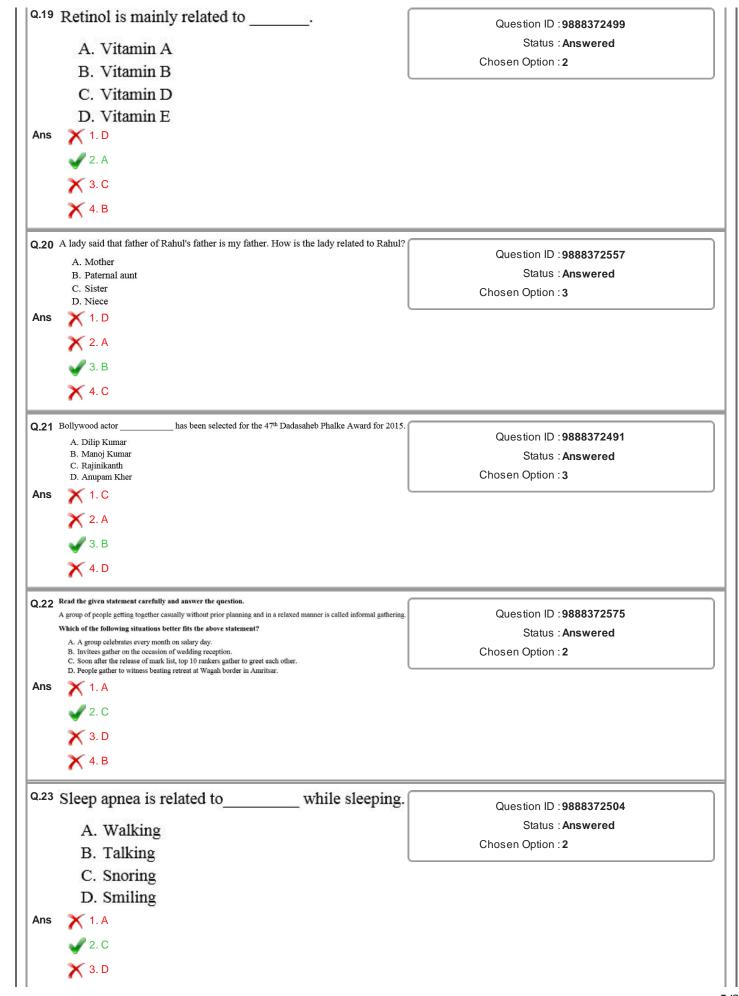
- 1. Options shown in green color with a tick icon are correct
- 2. Chosen option on top right of the question indicates the option selected by the candidate

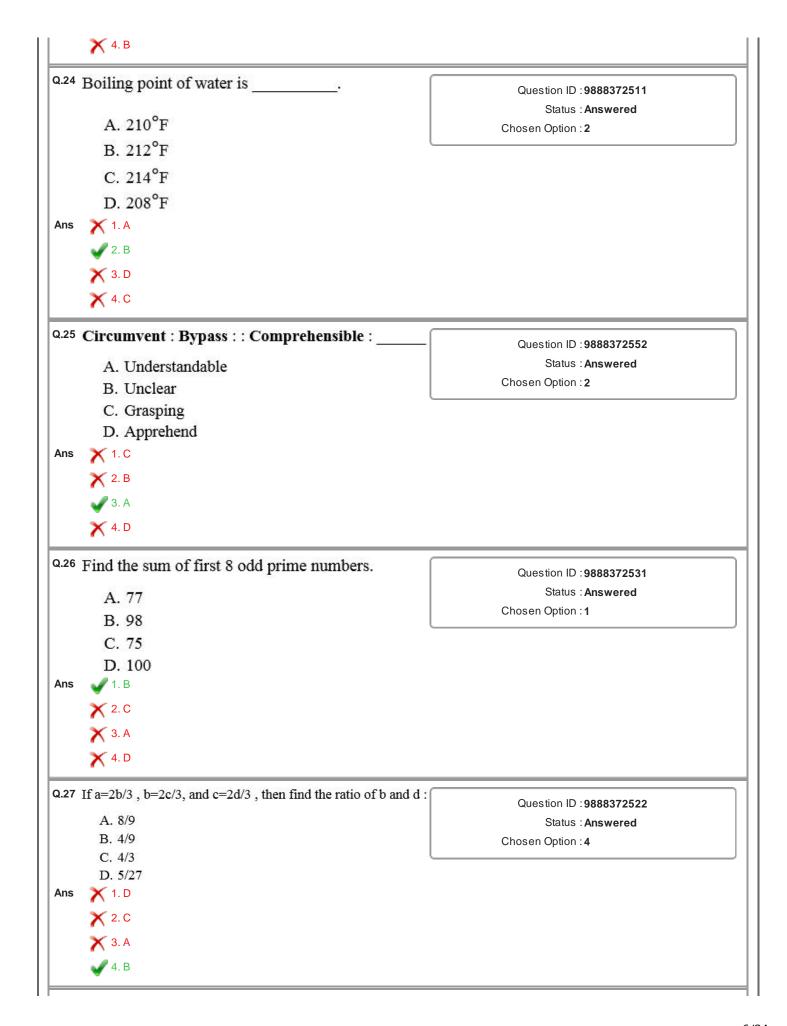
| Q.1 If 'how are you' is written as 'ne ki se' and 'where are you' as 'ne bl se' and 'you were here' as 'ke you here' is written as A. ke ki ne B. se ne ki C. ne bl ke D. bl se ne 1. B | Question ID : 9888372545 Status : Not Attempted and Mark ed For Review Chosen Option : |
|---|--|
| ★ 2. D★ 3. A★ 4. C | |
| A. Diffusion B. Reflection C. Convection D. Radiation Ans 1.B 2.A 3.D 4.C | Question ID : 9888372494 Status : Not Attempted Chosen Option : |
| Q.3 International Women's day is celebrated on March e A. 6 th B. 7 th C. 8 th D. 9 th Ans 1. B 2. C 3. A 4. D | Question ID : 9888372473 Status : Not Attempted Chosen Option : |



| (e.b | A. Pollywood B. Lollywood C. Kollywood | : 9888372478 : Answered : 4 |
|-------|--|--------------------------------------|
| Ans | D. Mollywood ★ 1. C ★ 2. D ★ 3. A ▼ 4. B | |
| 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? A. 50% B. 25% C. 100% D. 75% 1. D 2. A 3. C 4. B | : 9888372535 : Not Attempted : |
| Q.11 | If a³+b³+c³-3abc=0, then find the value of (a²/bc + b²/ac -3). Ac²/ab Bc²/bc Cc³/ba Dc/a | : 9888372514 : Answered : 3 |
| Ans | ★ 1. B★ 2. D★ 3. A★ 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? A. Father-in-law's sister B. Mother-in-law C. Sister-in-law D. Sister 1. B 2. D 3. C | : 9888372555 : Answered : 4 |
| Q.13 | Which of the following states does not share a border with Myanmar? A. Assam B. Mizoram C. Nagaland D. Manipur 1. A 2. D 3. B | : 9888372476 : Answered : 1 |







Q.28 Windows 10 is

A. an utility software.

B. a browser.

C. an application software.

D. an operating system.

Ans

X 1. B



X 3. C

X 4. A

Question ID: 9888372507

Status: Answered

Chosen Option: 2

Question ID : 9888372501

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



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?

n

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:

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 X 1. A

Question ID: 9888372572

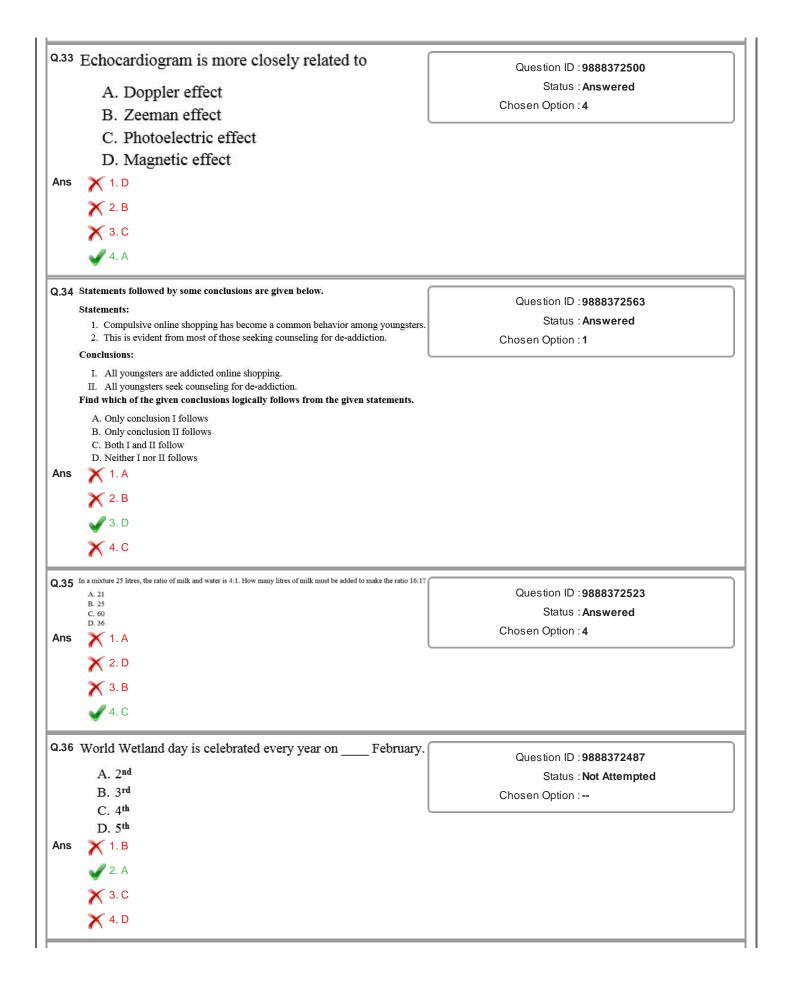
Question ID: 9888372570

Chosen Option: 3

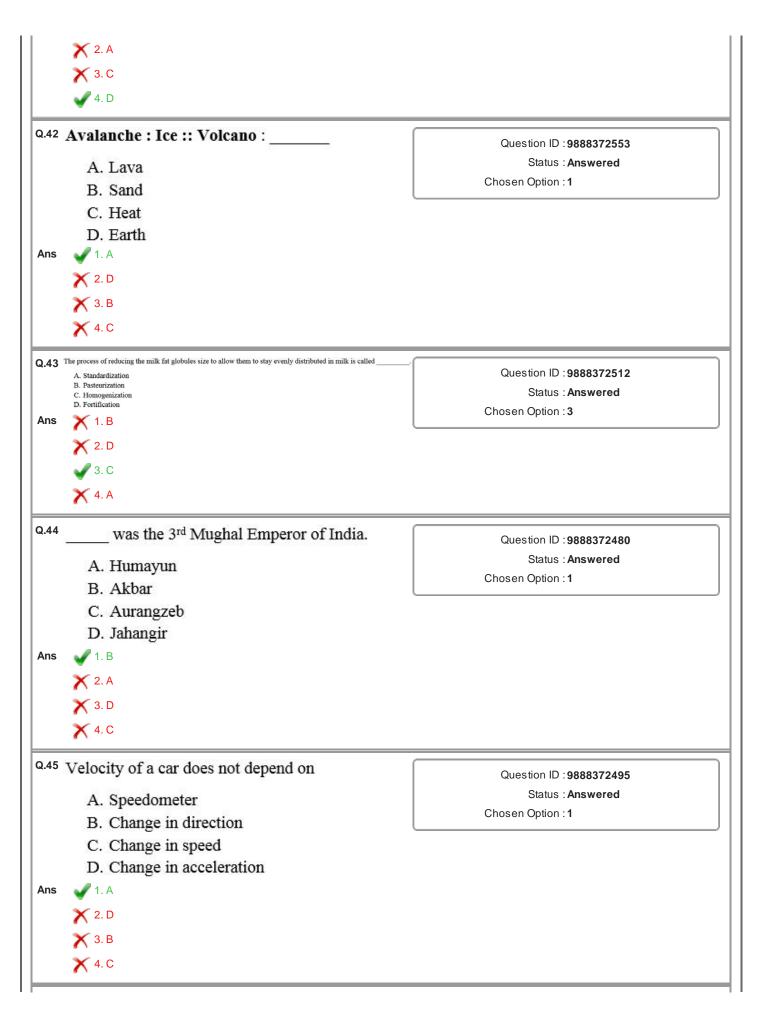
Status: Answered

Status: Answered

Chosen Option: 2

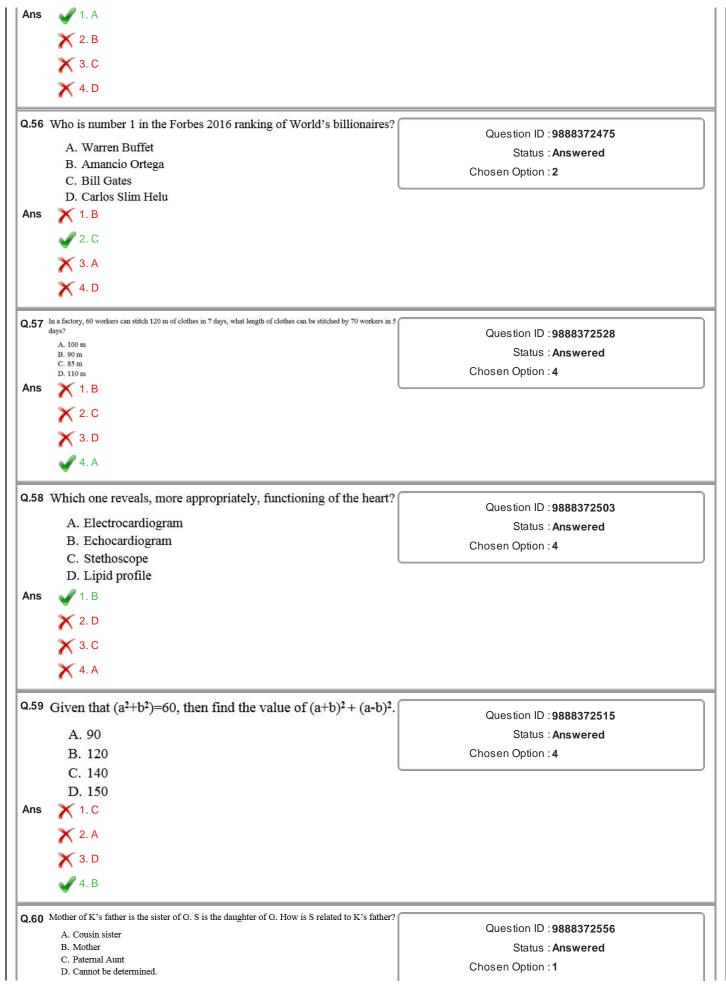


Q.37 Night blindness : Sight : : : : : : Speech Question ID: 9888372554 Status: Answered A. Talk Chosen Option: 2 B. Stutter C. Speak D. Lecture X 1. D Ans **X** 3. A X 4. C Q.38 Davis Cup 2015 final was held in Question ID: 9888372485 Status: Not Attempted A. UK Chosen Option: --B. Australia C. Belgium D. Argentina Ans X 1. B 🗶 2. D X 3. A 4. C 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 X 1. C Ans X 2. A √
3. B 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 1. B Ans X 2. A **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

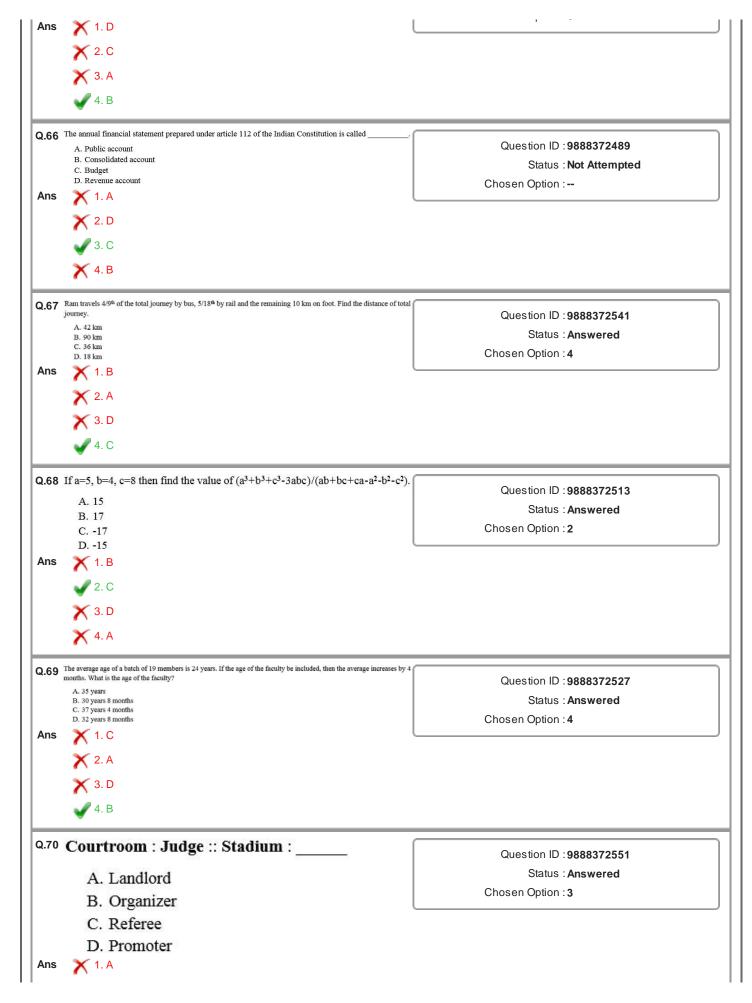


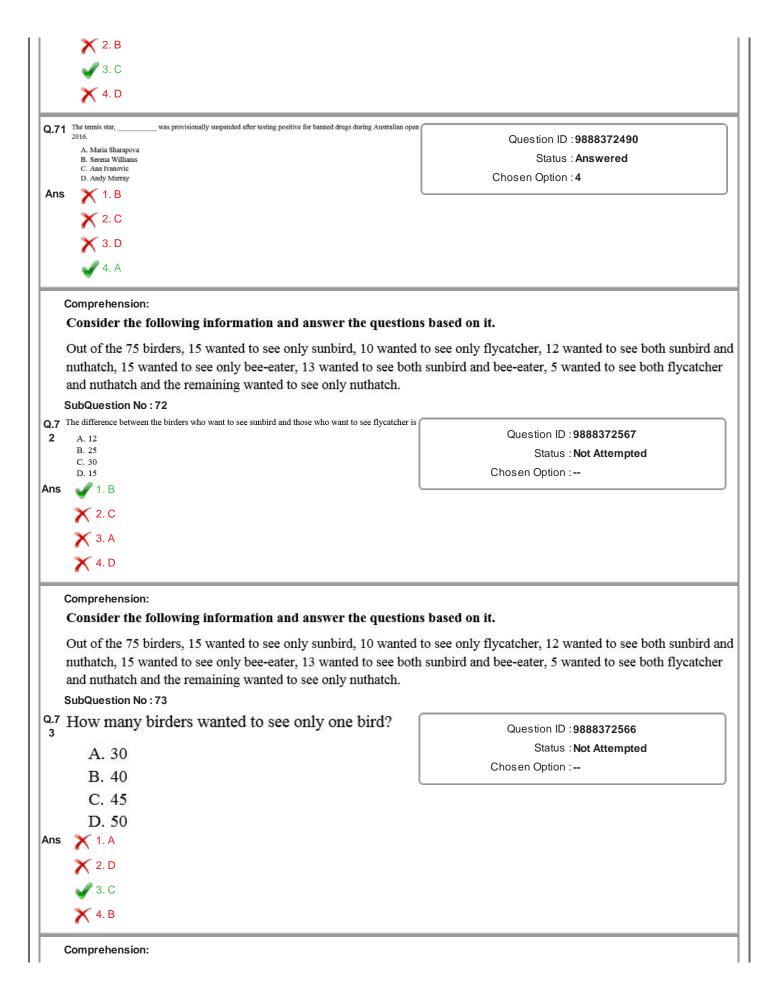
| A. Venice B. Rome C. Milan D. Vatican City Ans 1. A 2. C | Question ID : 9888372492 Status : Answered Chosen Option : 4 |
|--|--|
| 3. D 4. B Q.47 Mukesh got series of discount 30%, 25%, 15% on his shirt. Find out the single equivalent discound A. 52.34% B. 38.35% C. 55.38% D. 57.38% Ans 1. B 2. C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

| | √ 4. D | |
|------|---|---|
| Q.51 | India won the 2016 Asia Cup T20 held in Bangladesh by wickets. A. 7 B. 6 C. 5 D. 8 ✓ 1. D ✓ 2. C ✓ 3. B ✓ 4. A | Question ID : 9888372484 Status : Not Attempted Chosen Option : |
| Q.52 | Kakori train robbery was organized by the in 1925. A. Swaraj Party B. Indian National Congress C. Anushilan Samiti D. Hindustan Republican Association **\bigcit{1.A} **\bigcit{2.B} **\bigcit{3.D} **\bigcit{4.C} | Question ID : 9888372481 Status : Answered Chosen Option : 3 |
| Q.53 | The mean of 20 observations is 19. One more observation is included and the new mean becomes 20. The 21 st observation is: A. 20 B. 30 C. 40 D. 42 1. C 2. D 3. B 4. A | Question ID : 9888372536 Status : Answered Chosen Option : 1 |
| Q.54 | Golconda Fort was built during A. Vijayanagara Empire B. Qutb Shahi dynasty C. Satavahana dynasty D. Hoysala Dynasty **\bigcit{\text{1.A}}{\text{2.D}} **\bigcit{\text{3.C}}{\text{4.B}} | Question ID : 9888372493 Status : Answered Chosen Option : 4 |
| Q.55 | Provincial Autonomy was provided by A. The Government of India Act 1935 B. The Montague-Chelmsford Report C. The Government of India Act 1919 D. The Indian Independence Act 1947 | Question ID : 9888372482 Status : Answered Chosen Option : 1 |



| Ans | √ 1. A | |
|--------------|--|---|
| | ★ 2. B | |
| | X 3. C | |
| | ★ 4. D | |
| | ↑ 4.0 | |
| 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 | 0 (10 00000000000000000000000000000000 |
| , | height of the balloon from the ground. Assume that there is no slack in cable. A. 110.32 m | Question ID : 9888372525 |
| | B. 173 m C. 163.28 m | Status : Answered Chosen Option : 4 |
| Ans | D. 112.58 m 1. C | Ghosen Option .4 |
| | | |
| | ★ 2. A | |
| | ★ 3. B | |
| | √ 4. D | |
| Q.62 | Orbital period of Halley's comet is years. | |
| | 200 (200) 100 (200) 100 (200) 100 (200) 100 (200) 100 (200) 100 (200) 100 (200) 100 (200) 100 (200) | Question ID : 9888372508 |
| | A. 25 | Status : Answered Chosen Option : 4 |
| | B. 50 | Chosen Option .4 |
| | C. 75 | |
| | D. 100 | |
| Ans | X 1. B | |
| | X 2. D | |
| | ★ 3. A | |
| | √ 4. C | |
| | <u> </u> | |
| Q.63 | Find the greatest number which on dividing 1580 and 3800 leaves remainders 8 and 1 respectively. A. 262 | Question ID : 9888372516 |
| | B. 131 | Status: Not Attempted and Mark |
| | C. 65.5 D. 393 | ed For Review |
| Ans | √ 1. B | Chosen Option : |
| | X 2. D | |
| | X 3. C | |
| | × 4. A | |
| 0.64 | TTT : 1 | |
| U. 04 | Which one is not the cause of kidney stone formation? | Question ID: 9888372498 |
| | A. Drinking more water | Status : Answered |
| | B. Diabetic mellitus | Chosen Option : 1 |
| | C. Taking nuts rich in oxalate | |
| | D. Eating lot of stone forming foods | |
| Ans | ✓ 1. A | |
| | X 2. B | |
| | X 3.D | |
| | | |
| | X 4. C | |
| 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 (0000070701) |
| | A. 7:2 B. 5:2 | Question ID : 9888372534 Status : Answered |
| | C. 5:3 D. 3:5 | Chosen Option :1 |
| | ' | Onoson Oblion . I |





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 🗶 2. B 🥒 3. A **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 X 1. C 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 🗙 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 1. D **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'. A. 9 B. 4 C. 1 D. 3 Ans 1. D | Question ID : 9888372544 Status : Not Attempted Chosen Option : |
|--|---|
| 2. B 3. A 4. C | |
| A. An interactive presentation B. A non-interactive presentation C. Not a sequential presentation D. An active user interface Ans 1. A 2. B 3. C 4. D | Question ID : 9888372506 Status : Answered Chosen Option : 2 |
| 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 B. 9 C. 7 D. 3 Ans 1. C 2. D 3. B | Question ID : 9888372543 Status : Not Attempted Chosen Option : |
| A. Rugby B. Poker C. Soccer D. Ping-Pong Ans 1.D 2.B 3.C 4.A | Question ID : 9888372483 Status : Answered Chosen Option : 3 |
| Q.82 Rearrange the jumbled letters to make meaningful words and then select the one which is different. A. OMESU B. ROTINOM C. RETIAW D. RETNIRP Ans 1. C 2. D 3. B 4. A | Question ID : 9888372564 Status : Not Attempted Chosen Option : |

| A. Nitrogen: Air B. Hydrogen: Water C. Uranium: Coins D. Sulphur: Match stick Ans | Question ID :: Status :, Chosen Option : | Answered |
|--|---|---------------|
| 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 :: Status :: Chosen Option :- | Not Attempted |
| 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 :: Status :. Chosen Option :: | Answered |
| 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 :: Status : Chosen Option : | Not Attempted |
| 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 :: Status :: Chosen Option :: | Answered |

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 X 1. A 🗙 3. D 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 1. C X 2. B 🗙 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. 5. 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 indigo

D. Black and violet

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 -

- 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 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 -

- 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.

Question ID: 9888372560 Status: Not Attempted Chosen Option: --

Ans





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 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 1. A 🗶 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 **X** 1. C Ans X 2. A 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

Q.98 Three numbers are in the ratio of 3:5:10 and their LCM is 630. Find their HCF. Question ID: 9888372517 A. 21 Status: Not Attempted B. 42 Chosen Option: --C. 63 D. 36 Ans **√** 1. A X 2. D Q.99 3 years ago, the ratio of Maya's and Shikha's age was 5: 9 respectively. After 5 years, this ratio would become 3: 5. Find present age of Maya? Question ID: 9888372526 B. 45 C. 43 Status: Answered Chosen Option: 1 D. 53 **√** 1. C Ans **X** 4. B Q.10 If 'god is fair' = 'ge se fa', 'who is god' = 'ge we fa' and 'you are god' = 'ne le fa', which code does represent 'is'? A. se B. ge C. fa Question ID: 9888372546 Status: Answered Chosen Option: 4 Ans