RRB NTPC 9th April 2016 Shift 3 – www.dailycareers.in

Note: Options shown in green color with a tick icon are correct

- O.1 Kanha National Park is located in the state of
 - A. Uttar Pradesh
 - B. Madhya Pradesh
 - C. Rajasthan
 - D. Uttarakhand



- $\times_{2. D}$
- ×3. A
- Q.2 How many of the following numbers are wholly divisible by 175? 500, 875, 1575, 1915, 2625, 2850, 3325, 4335
 - A. 4
 - B. 5
 - C. 6
 - D. 7

Ans
$$\times_{1.C}$$

- $\times_{2.\,\mathrm{D}}$
- **√**3. A
- **X**_{4. B}
- Q.3 Hindi Day (Hindi Diwas) is celebrated every year on the
 - A. 5th of September
 - B. 2nd of October
 - C. 5th of June
 - D. 14th of September

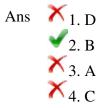


×2. A

X	3.	В
X	4.	C

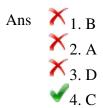
Q.4 The 2016 Summer Olympics will be hosted by which city?

- A. Seoul
- B. Rio de Janeiro
- C. London
- D. Tokyo



Q.5 The SI unit of pressure is

- A. Newton per square centimeter
- B. Newton square meter
- C. Newton per square meter
- D. Newton square centimeter



Q.6 Read the following passage and answer the question based on it.

With climate change affecting the seasonal pattern, water management and distribution has become critical. Rainwater harvesting has become very important these days particularly in urban areas. It involves collection and storage of rainwater for use later. It recharges the ground water level, conserves water runoff during monsoons, reduces soil erosion and helps availability of potable water. Above all, it inculcates a culture of water conservation.

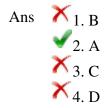
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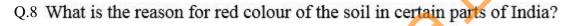
- A. Climate change has affected the humanity adversely.
- B. Forests help in preserving ground water level.
- C. Rainwater harvesting is the need of the hour.
- D. Urban areas do not store enough water.



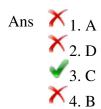
Q.7 The state capital of Andhra Pradesh is

- A. Hyderabad
- B. Amaravati
- C. Vijayawada
- D. Tirupati





- A. Presence of magnesium
- B. Presence of phosphates
- C. Presence of ferric oxide
- D. Presence of humus



Q.9 Which of the following when mixed with a metal forms amalgam?

- A. Aluminium
- B. Gold
- C. Silver
- D. Mercury

Ans 1. A 2. D

Q.10 If 234A is divisible by 9, find the value of the smallest natural number A?

- A. 5
- B. 6
- C. 7
- D. 9

Ans X_{1. C}



X_{3. A}

X_{4. B}

Q.11 If A=1, BE = 7 then CUT = ?

- A. 43
- B. 44
- C. 45
- D. 42

Ans 🗸 1. B

×2. D

×_{3. C}

X 4 A

Q.12 Study of maps is called

- A. Calligraphy
- B. Geography
- C. Geology
- D. Cartography

Ans X1.

12. D

3. C

≺ 4. B

- Q.13 If x = 7, y = 4, z = 9 then which of the following is true?
 - x + y + z = 20
 - II. x y + z = 13
 - III. x + y z = 3
 - IV. -x + y z = -12
 - A. I and II
 - B. III and IV
 - C. I and IV
 - D. I and III

- Ans V1. C
 - ×2. A
- Q.14 Who is regarded as the World's first programmer?
 - A. Alan Turing
 - B. Ada Lovelace
 - C. Tim Berners-Lee
 - D. Steve Wozniak

- Ans X_{1. C}

 - **√**3. B
- O.15 Which Indian state decided to implement Bharat Net service which will connect all the village panchayats through optical fibre?
 - A. Maharashtra
 - B. Punjab
 - C. Tamil Nadu
 - D. Uttar Pradesh

Q.16 Which one among the following is not a Fundamental Right as per the Constitution of India?

- A. Right to Freedom
- B. Right to Life
- C. Right to Equality
- D. Right to Defend the Country

Ans







Q.17 Bhagat Singh and his associates killed the British officer John Saunders to avenge

- A. the death of Ramprasad Bismil.
- B. the death of villagers in the Chauri Chaura incident.
- C. the death of Lala Lajpat Rai.
- D. the Jallianwala Bagh killings.

Ans
$$\times_{1.D}$$

Q.18 Find the factors of $(x^2 + x - 20)$

A.
$$(x+5)(x-4)$$

B.
$$(x+4)(x-5)$$

C.
$$(x-2)(x+10)$$

D.
$$(x-2)(x+5)$$

Q.19	If 60% of a number is equal to to	wo-thirds of another number, what is the ratio of the numbers?
	A. 10:9	
	B. 15:7	
	C. 10:14	
	D. 9:11	
Ans	× _{1. C}	
	✓ 2. A	
	× _{3. D}	
	×4. B	
Q.20	Who won the IBSF World Snook	cer Championship 2015?
	A. Geet Sethi	
	B. Pankaj Advani	
	C. Aditya Mehta	

Q.21 A question and three statements, labeled (I) (II) and (III), are given. You have to decide whether the data given in the statements are sufficient for answering the question.

Question: What is the length of the rectangle?

Statements:

- I. Perimeter of the rectangle is 80 m.
- II. Sum of adjacent sides is 40 m.
- III. Breadth of the rectangle is 10 m.

Pick out the correct option.

D. Hamza Akbar

- A. Only I is sufficient
- B. Only I and II are sufficient
- C. III and either of I or II are sufficient
- D. II and either of I or III are sufficient

Ans $\times_{1.A}$

7	2. D 3. B 4. C
Q.22 If	f Vinay had walked 2 km/hr. faster, he would have taken 10 min less to walk 4 km. What is Vinay's speed of walking?
	A. 7 km/hr. B. 5 km/hr. C. 4 km/hr. D. 6 km/hr. 1. B 2. A
	✓ 3. D × 4. C
Q.23 W	hich number would replace the question mark (?) in the series -
10	O0, 115, ?, 150, 170, 185 A. 135 B. 130 C. 140 D. 145
•	1. C 2. D 3. A 4. B
-	stone is called blue, blue is called water, water is called tree, tree is called bag, bag is called rainbow and rainbow is alled sky, what is used to carry books?
	A. Tree B. Rainbow C. Sky D. Water

Q.25 If J means 'x', K means '+', L means '÷' and M means '-', then the value of

1K9L7J7L3M5 is

- A. 1
- B. -1
- C. 3
- D. -5

- Ans $\times_{1.D}$
 - **×**_{2. C}
 - **X**_{3. A}

Q.26 Which doubles pair won the US Open Women's doubles title in 2015?

- A. Y.Shvedova and C.Dellacqua
- B. M.Hingis and S.Mirza
- C. G.Muguruza and C.S.Navarro
- D. Hao-Ching Chan and Yung-Jan Chan

- Ans $\times_{1.C}$
 - **X**_{2. D}

Q.27 If Mason: Stone then Carpenter:?

- A. Saw
- B. Furniture
- C. Wood
- D. Steel

Q.28 World AIDS day is held every year on

- A. 1st of December
- B. 1st of January
- C. 14th of February
- D. 8th of March

Ans $X_{1.D}$

√2. A

Q.29 The first unmanned satellite built by ISRO was

- A. Bhaskara I
- B. Aryabhata
- C. Rohini
- D. Megha



×2. A

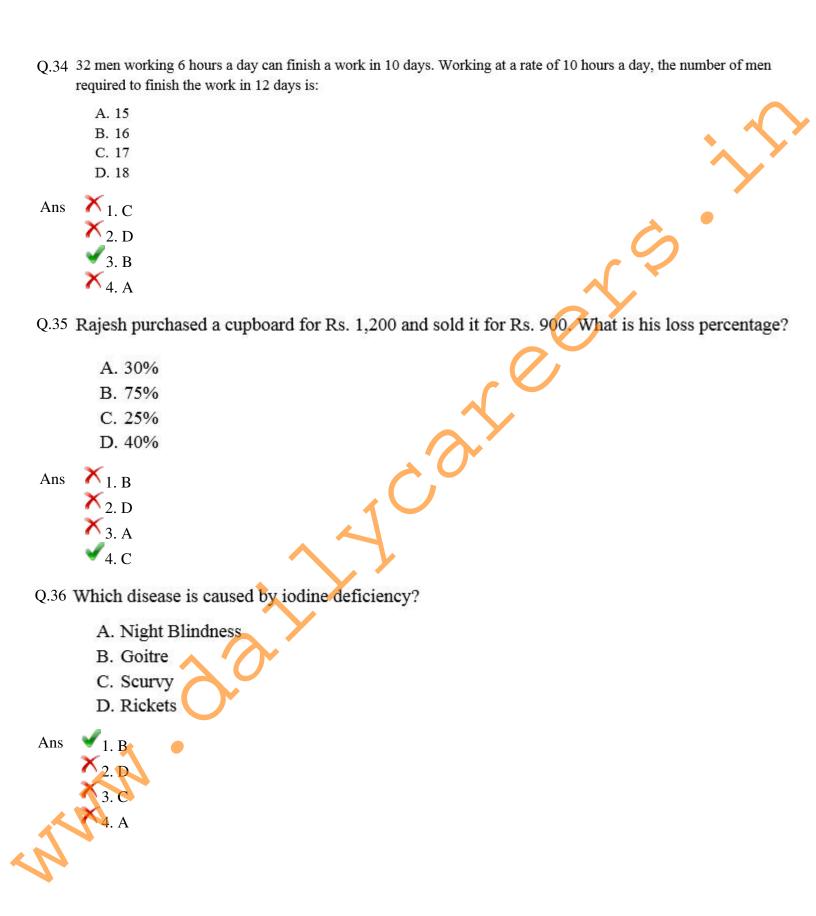
X_{3. C}

 $\times_{4.\,\mathrm{D}}$

Q.30 A bicycle wheel makes 5000 revolutions in moving 44 km. What is the radius of the wheel? (π =22/7)

- A. 140 cm
- B. 270 cm
- C. 70 cm
- D. 120 cm

- Q.31 Arrange the fractions in ascending order
 - A. 11/17 < 41/63 < 3/7 < 21/29
 - B. 41/63 < 3/7 < 21/29 < 11/17
 - C. 3/7 < 11/17 < 41/63 < 21/29
 - D. 3/7 < 11/17 < 21/29 < 41/63
- Ans X_{1. A}
 - ₹ 2. C
 - **△** 3. E
 - 🔨 4. D
- Q.32 Which country has won the maximum Oscar awards till date in the foreign films category?
 - A. Italy
 - B. France
 - C. Japan
 - D. Spain
- Ans
- ×1. D
- **×**_{2. B}
- **✓**3. A
- **X** 4. C
- Q.33 Find the difference between the simple and the compound interest at 20% per annum for 2 years on a principal of Rs. 4000.
 - A. 160
 - B. 120
 - C. 90
 - D. 110
- Ans
- [×] 1. D
- ^ 2. I
- 3. A
- 4. C



Q.37 Which social media giant launched the 'Make in India' emoji in November 2015 to promote India as a global manufacturing hub? A. Facebook B. Twitter C. Google+ D. Snapchat **√**1. B Ans ×2. C **X**_{3. D} Q.38 A merchant who marked his goods up by 50% subsequently offered a discount of 20%. What is the percentage profit that the merchant made after offering the discount? A. 30% B. 125% C. 25% D. 20% Ans X_{1. C} Q.39 Find the similarity in the following: Dog, Painting, Book, Candle A. They don't have any similarity. B. They are all countable nouns. C. They are all non-living things. D. They are all living things.

Q.40	The mean of the data 10, 9, 8, 7, 10, 16 is
	A. 6
	B. 11
	C. 12
	D. 10
Ans	X _{1, B}
	× _{2. C}
	√ 3. D
	×4. A
Q.41	The Indira Gandhi Memorial Tulip garden is situated in
	A. Chandigarh
	B. Mysuru
	C. Srinagar
	D. Darjeeling
Ans	X1. A
	X _{2. D}
	√ 3. C
	×4. B
Q.42	15 men could finish a piece of work in 330 days. But at the end of 220 days, 15 additional men are employed. In how many more days will the work be complete?
	A. 80 days
	B. 60 days
	C. 55 days
	D. 50 days
Ans	× _{1.P}
	X 2. A
	3. B
	4. C
\mathcal{L}	
12	

Q.43 What decimal of a kilometer is a millimeter? A. 0.000001 B. 0.00001 C. 0.0001 D. 0.001 Ans X_{1.B} Q.44 What does SONAR stand for: A. Sound Neutralization and Ranging B. Sound Navigating and Reaching C. Sound Navigation and Ranging D. Sound Neutralization and Reaching **×**1. B Ans **X**_{2. D} Q.45 The cost price of 30 articles is equal to the selling price of 40 articles. What is the % profit or loss made in the sale? A. 20% loss B. 25% profit C. 25% loss D. 20% profit Ans

Q.46 Rearrange the following jumbled sentences to make a meaningful one:

Не

J: a popular tennis player

K: but

L: is also

M: is ranked No.1 in badminton

The proper sequence should be:

- A. MLKJ
- B. MKLJ
- C. LJKM
- D. LMKJ

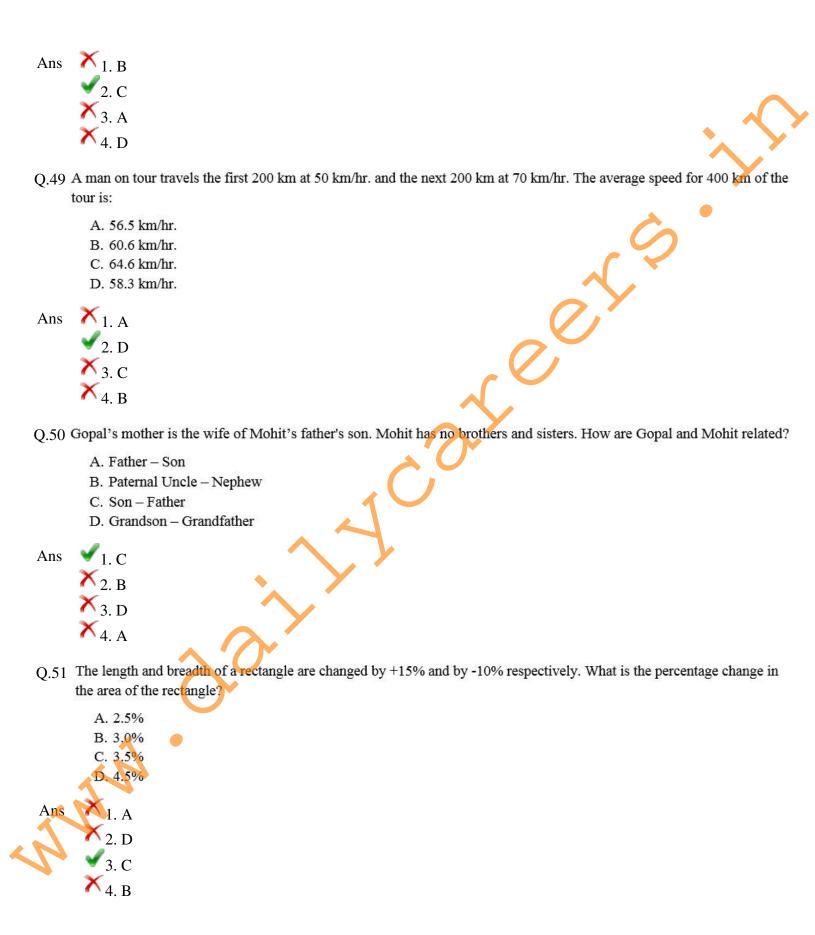




- Q.47 Which internet giant has launched a training program in Telangana for empowering rural Self Help Groups (SHG) in promoting their products online?
 - A. Amazon
 - B. Flipkart
 - C. Facebook
 - D. Twitter

Ans

- Q.48 If $4515 \div 17.5 = 258$, then $45.15 \div 1.75 = ?$
 - A. 2.58
 - B. 0.258
 - C. 25.8
 - D. 258



Q.52 Evaluate

$$\frac{40.7 \times 40.7 \times 40.7 + 1}{40.7 \times 40.7 - 40.7 + 1}$$

- A. 417
- B. 4.17
- C. 41.7
- D. 441.7



- **×**_{2. B}
- **×**_{3. A}

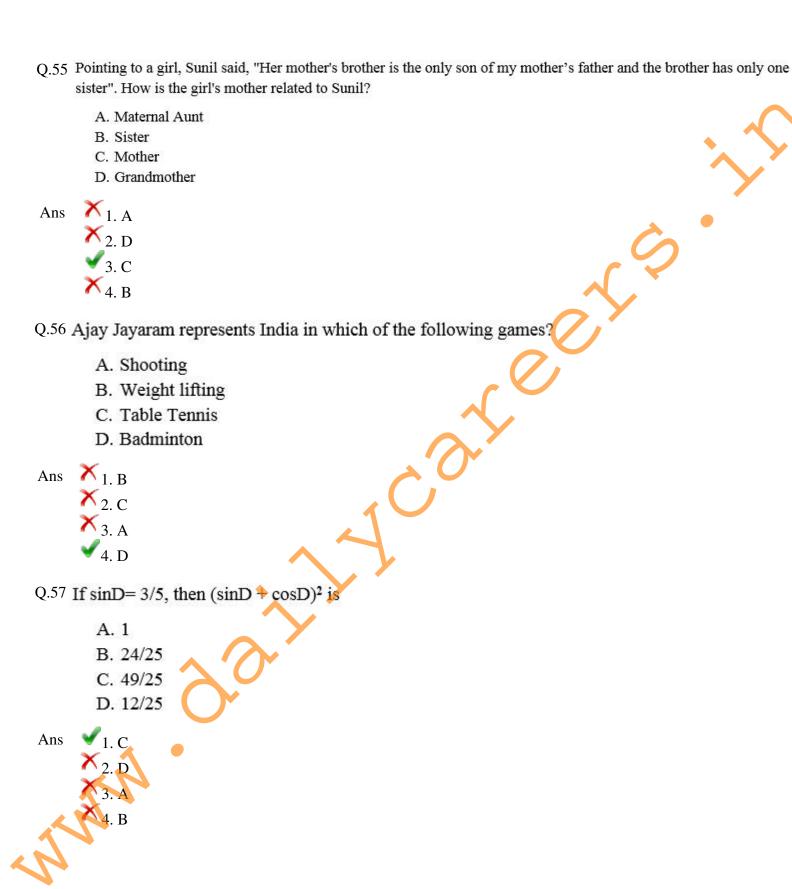
Q.53 The capital of India was moved to Delhi from which city?

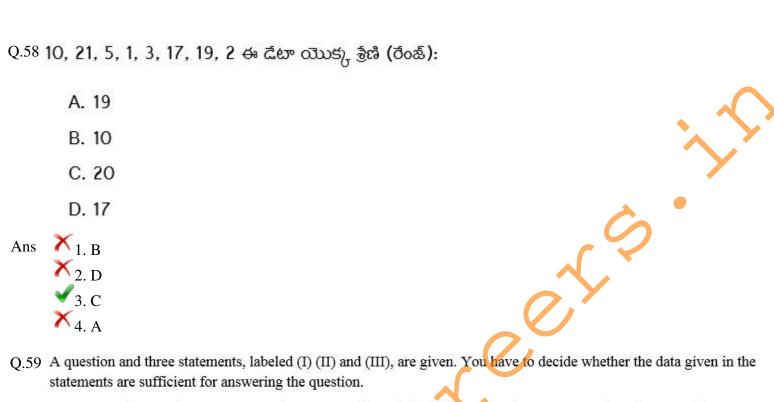
- A. Bombay
- B. Madras
- C. Calcutta
- D. Mysore

- ×2. A
- **×**_{3. D}

Q.54 Which one among the following is not an Inert Gas?

- A. Helium
- B. Neon
- C. Radon
- D. Hydrogen





Question: Five people A, B, C, D, and E are seated in a circle facing each other. Between whom is E seated?

Statements:

- I. The person seated to the left of B and the right of A are the same.
- II. D is seated to the right of B.
- III. A is seated between E and C.

Pick out the correct option.

- A. Only I and II are sufficient
- B. Only I and III are sufficient
- C. Only III is sufficient
- D. Data insufficient

Ans 1. B 2. D 3. A

- Q.60 In a bag, there are coins of 25 p, 10 p and 5 p in the ratio of 1:2:3. If there is Rs. 180 in all, how many 10 p coins are there?
 - A. 300
 - B. 400
 - C. 600
 - D. 900



- O.61 The HCF and LCM of two numbers are 19 and 342 respectively. When the first number is divided by 2, the quotient is 19. The other number is:
 - A. 133
 - B. 171
 - C. 198
 - D. 114

Ans



- $\times_{2.\,\mathrm{D}}$
- **√**3. B
- ×4. A



Consider the information given below and answer the following questions based on it.

Five boxes coloured blue, green, black, red and white are kept in a row in random order, from left to right, such that -

- 1. Black box is not on either extremes.
- 2. White box is second from the right extreme.
- 3. There are two boxes between red and black and one box between blue and red, respectively.
- Q.6 Which of the following statements is true?

- A. Black box is second from the left.
- B. White box is second from the left.
- C. Green box is third from the left.
- D. White box is third from the right.

Ans X_{1.D}

Q.63 Which box is in the middle of the row? A. Black B. Blue C. Green D. Red Ans $\times_{1.C}$ Q.64 Which is the first box from the left? A. Red B. White C. Blue D. Green Ans 🗸 1. D ×_{2. A} ×_{3. B} Q.65 What percentage of our atmosphere is Nitrogen? A. 78% B. 72% C. 21% D. 28% Ans X₁. B

Q.66 The abbreviation RLWL with respect to trains stands for:

- A. Regret Loss Waiting List
- B. Remote Location Waiting List
- C. Railway Location Waiting List
- D. Railway List Waiting Locked

Ans $\times_{1.C}$ **X**_{2. A}

Q.67 Which of the following is a Vector Quantity?

- A. Time
- B. Temperature
- C. Distance
- D. Velocity

Ans V_{1. D}

X_{2. B}

Comprehension:

The following table represents the distance covered (in km) by four friends U, K, V and G, during their morning walks, from Monday to Friday. Consider the information and answer the following questions based on it.

- 63	Monday	Tuesday	Wednesday	Thursday	Friday
U	6	5	4.5	5.5	4
K	4	4.5	3	3.5	5
v	4	4	4.5	5	5.5
G	5	4.5	5	5.5	6

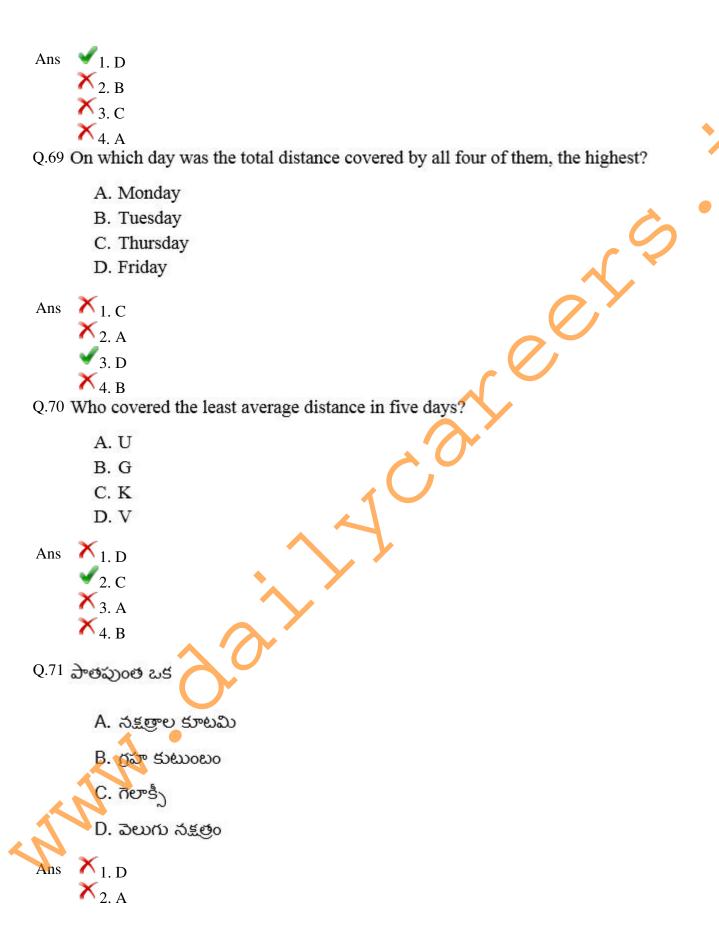
Q.68 Who covered the maximum distance from Monday to Friday?

A. K

B. U

C. V

D. G





Q.72 Which number follows the series?

3, 4, 9, 16, 27, 64, 81, ...

- A. 243
- B. 256
- C. 324
- D. 356









- A. 50
- B. 75
- C. 90
- D. 120

Ans





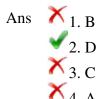


Q.74 Rearrange the following jumbled	sentences to make a meaningful one:
It	

- 1. to protect
- 2. is
- 3. the forests of the country
- 4. our duty

The proper sequence should be:

- A. 2143
- B. 2134
- C. 2314
- D. 2413



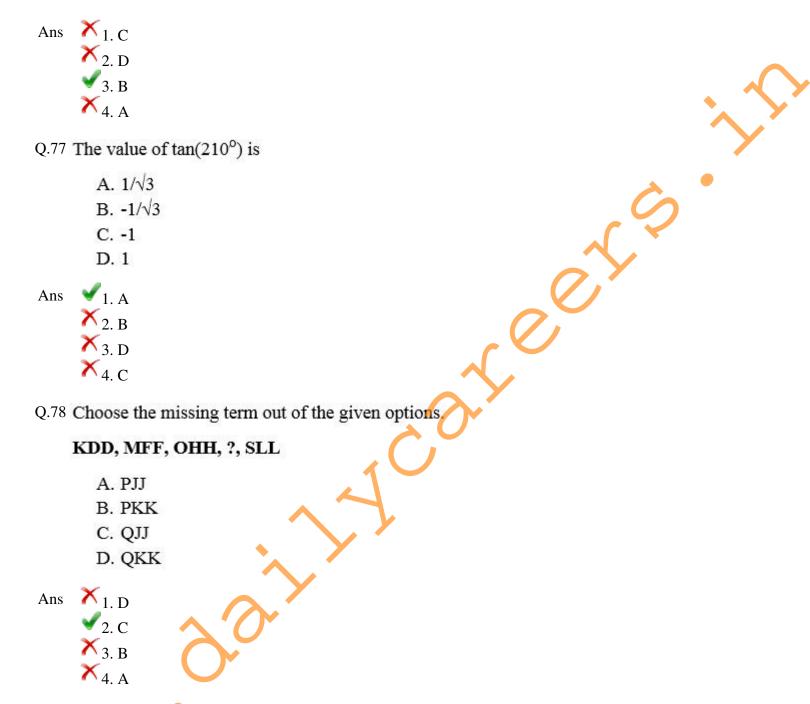
Q.75 Which of the following is the study of spiders?

- A. Arachnology
- B. Anthropology
- C. Apiology
- D. Cynology

Ans 1. C 2. A 3. B 4. D

Q.76 Which Indian state has the lowest population density as per the latest census?

- A. Sikkim
- B. Arunachal Pradesh
- C. Mizoram
- D. Nagaland



- Q.79 In a certain code 'BREADTH' is written as 'CQFZESI'. How will 'CONTAIN' be written in that code?
 - A. DNOSBHO
 - B. DNSOBOH
 - C. DSNBOHO
 - D. DNOSHBO

Ans X_{1.B}



Q.80 The length, breadth and height of a room are in the ratio 3:2:1. If its volume is 3072 cubic meters, find its breadth.

- A. 18 m
- B. 16 m
- C. 24 m
- D. 12 m

Ans







Q.81 In 2015, who among the following was felicitated by CERN, the European organization for Nuclear Research, for his contribution to Science and Spiritualism?

- A. Gyalwang Drukpa
- B. Dalai Lama
- C. Matthieu Richard
- D. Sogyal Ripoche

Ans X_{1.D}

×2. C



Q.82 In a certain code, STARE, is written as '19201185'. How will 'MOULD' be written in that same code?

- A. 132115124
- B. 131215214
- C. 131521124
- D. 131512214

Q.83 A statement followed by two conclusions (I) and (II) are given. Find which conclusion(s) logically follow from the given statement.

Statements: A garden is full of mango, teak, neem, orange, coconut and palm trees. A mango tree is 7 meters tall, are orange tree is half as high and a coconut tree is 3 times the height of the mango tree.

Conclusions:

- I. The average height of the three trees is less than 10 meters.
- II. The tallest tree in the garden is the coconut tree.

Choose the correct option from the following.

- A. Only (I) conclusion follows.
- B. Only (II) conclusion follows.
- C. Both (I) and (II) follow.
- D. Neither (I) nor (II) follows.

Ans X_{1. A}

X3. €

🍑 4. D

- Q.84 Which among the following is the largest memory size of a Computer?
 - A. Petabyte
 - B. Yottabyte
 - C. Terabyte
 - D. Gigabyte

Ans $X_{1.D}$

X 2. C

× 3. A

74 B

- Q.85 Who is the captain of the current Indian Women's Hockey team?
 - A. Rani Rampal
 - B. Ritu Rani
 - C. Suraj Lata Devi
 - D. Sushila Chanu

Ans ×_{1. I}

× 2. A

Comprehension:

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

Out of 100 men, 35 like only coffee, 40 like only tea, 15 like both tea and coffee and 10 like only milk.

Q.86 What is the ratio of men who like milk to those who like tea?

- A. 1/4
- B. 2/11
- C. 2/7
- D. 1/2

- Ans \checkmark 1. B
 - ×2. C

Q.87 The ratio of men who like both tea and coffee to those who like only coffee is

- A. 3/8
- B. 2/3
- C. 3/7
- D. 3/2

- Ans $X_{1.D}$
 - ×2. A

Q.88 What percentage of the total men like tea?

- A. 50%
- B. 55%
- C. 40%
- D. 35%



- 0.89 A sum was invested at simple interest at a certain rate of interest for 2 years. It would have fetched Rs. 200 more had it been invested at 5% higher rate. What was the sum?
 - A. Rs. 3000
 - B. Rs. 2600
 - C. Rs. 5000
 - D. Rs. 2000

Ans







X_{4. B}

- Q.90 The mode and median of the data 3, 4, 5, 5, 3, 6, 7, 3, 5, 5, 6 is
 - A. 5 and 5
 - B. 3 and 5
 - C. 5 and 4
 - D. 3 and 4



X_{2. C}

- Q.91 Who won the Nobel Prize for Literature in the year 2015?
 - A. Patrick Modiano
 - B. Svetlana Alexievich
 - C. Alice Munro
 - D. Mo Yan

- Q.92 What is the minimum age required to become the Prime Minister of India?
 - A. 21 years
 - B. 25 years
 - C. 30 years
 - D. 35 years

Ans X_{1. A}



- **X**_{3. C}
- Q.93 If the sum of two numbers is 119 and their HCF and LCM are 17 and 170 respectively, then the sum of the reciprocals of the numbers is equal to:

 - C. $\frac{7}{170}$

Ans



- ×3. A
- **X**_{4. D}
- Q.94 Find the pair that has a similar relation as the one given below.

Up: Down

- A. Water: Sand
- B. Ocean: Lake
- C. Good : Bad
- D. Bee: Box



Q.95 The source of river Narmada is

- A. Amarkantak hills
- B. Sahyadri hills
- C. Maikal hills
- D. Nilgiri hills







Q.96 Who was the first Indian to travel in space?

- A. Rakesh Sharma
- B. Kalpana Chawla
- C. Sunita Williams
- D. Ravish Malhotra

Ans
$$X_{1.D}$$

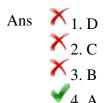
Q.97 'D' is the son of 'F'. 'E', who is 'F's sister, has a son 'A' and a daughter 'X'. If 'B' is the maternal uncle of 'A', then how is 'D' related to 'B'?

- A. Cousin
- B. Nephew
- C. Maternal Uncle
- D. Brother

Q.98 Find the similarity in the following:

Tomato, Guava, Watermelon, Orange

- A. They are all fruits.
- B. They are all in red colour.
- C. They have big seeds in them.
- D. They are found in all the seasons in India.



- Q.99 Which of the following is not an input device for a computer?
 - A. Keyboard
 - B. Mouse
 - C. Scanner
 - D. Monitor



- Q.100 Dadasaheb Phalke Award is associated with which one of the following fields?
 - A. Environment
 - B. Cinema
 - C. Dance
 - D. Medicine