

- Which of these states has the longest international border?
    - Nagaland
    - Mizoram
    - Assam
    - West Bengal
  - Which of these fabrics is named after a French dress maker?
    - Linon
    - Crepe
    - Georgette
    - Chiffon
  - Who was the founder of Sikhism?
    - Guru Govind Singh
    - Guru Nanak
    - Guru Tegh Bahadur
    - Ranjit Singh
  - Who is the founder of Patna's famous Super 30 institute that coaches economically backward students for IIT JEE?
    - Anand Kumar
    - Sushil Kumar
    - Anand Kumar
    - Rishi Kumar
  - Shri Narendra Modi is the \_\_\_\_\_ of India.
    - Speaker of Lok Sabha
    - Prime Minister
    - Leader of Opposition
    - President
  - National Unity Day is celebrated in India on \_\_\_\_\_.
    - 30th January
    - 30th August
    - 31st October
    - 2nd October
  - Which continent is the Giraffe native to?
    - Australia
    - Africa
    - Asia
    - Antarctica
  - Samsu is a traditional form of wrestling of which country?
    - China
    - Japan
    - Vietnam
    - South Korea
  - Asif Ali Zardari was the former president of \_\_\_\_\_
    - Pakistan
    - India
    - Bangladesh
    - Sri Lanka
  - Which of these medical conditions is classified into Type-1 and Type-2?
    - Diabetes
    - Hepatitis
    - Night Blindness
    - Common Cold
  - Who is the Commander-in-Chief of the Indian Armed Forces?
    - Prime Minister
    - Vice-President
    - Chief of Army Staff
    - President
  - The surface of which of these planets is not solid?
    - Jupiter
    - Mars
    - Venus
    - Mercury
  - With which main ingredient is Bhat, a food item from Bihar, stuffed?
    - Green Chilli
    - Potato
    - Vegetables
    - Gram Flour
  - Which natural phenomenon conducts carbon dioxide fixation in plants?
    - Sunlight
    - Rain
    - Thunder
    - Cosmic Rays
  - Other than cricket which game also has a striker?
    - Ludo
    - Kho-Kho
    - Carrom
    - Chess
  - Islamic State is not waging a battle against
    - Ukraine
    - Lebanon
    - Iran
    - Spain
  - Which of these places get its name from a local word for mangoes trees?
    - Vindhyavan
    - Sunderbans
    - Mangalore
    - Madrabani
  - Name the Chief Minister of Jharkhand.
    - Rabul Hasan
    - Arjun Munde
    - Pagalar Das
    - Hemant Soren
  - If you are in Red Fort, which city are you visiting?
    - Agga
    - Hyderabad
    - Jaipur
    - Delhi
  - Which of these is not a port city on the Arabian Sea?
    - Panaji
    - Vishakhapatnam
    - Mumbai
    - Mangalore
  - Which of these Asian countries is not landlocked?
    - Afghanistan
    - Laos
    - Mongolia
    - Cameroon
  - Which was the first hill passenger railway opened in India in 1881?
    - Kalka Shimla Railway
    - Matheran Hill Railway
    - Nign Mountain Railway
    - Darjeeling Himalayan Railway
  - What does CO stand for?
    - Carbon
    - Carbon monoxide
    - Coal
    - Carbon dioxide
  - Rasika dance is associated with which God?
    - Lord Shiva
    - Lord Ganesha
    - Lord Indra
    - Lord Krishna
  - Which of the following is an Indian online retail company?
    - Alibaba Group
    - Amazon
    - Flipkart
    - Jabong
- Directions (29-32):** Complete the following series each of which follows a certain pattern.
- 3, 12, 27, 48, 75, 108, 2
    - 152
    - 150
    - 158
    - 147
  - 48, 120, 240, 384, 528, 672,
    - 816
    - 828
    - 800
    - 841

38. a, c, b, a, c, c, b, c, c

- (1) c b c b (2) b c b a  
(3) b a c b (4) b b c c

39. r, b, a, c, b, r, b, a, d, a, c

- (1) d a c b (2) b c a a  
(3) c c a a (4) c b d d

40. 2, 3, 4, 5, 6, 7, 8, 12, 15, 24, \_\_\_\_\_?

- (1) 30 (2) 36  
(3) 32 (4) 40

**Directions (31-38) :** In the following questions, find the odd one out.

31. (1) Nepal (2) Germany  
(3) China (4) India

32. (1) DT (2) CT  
(3) DW (4) AZ

33. (1) 18 (2) 27  
(3) 33 (4) 9

34. (1) Bowler (2) Chess  
(3) Hockey (4) Billiards

35. (1) BJP (2) GOP  
(3) NYP (4) ECD

36. 24 : 36 :: 2 : ?

- (1) 48 (2) 60  
(3) 96 (4) 40

37. Criminal : Jail :: Lawyer : ?

- (1) Field (2) Hospital  
(3) Office (4) Court

38. Rabbit : Dog :: Kitten : ?

- (1) Fish (2) Managata  
(3) Cat (4) Bear

39. If 26th January, 2015 is Monday what was the day on 26th January, 2011 ?

- (1) Tuesday (2) Wednesday  
(3) Thursday (4) Monday

40. If 'x' means multiplication, '÷' means minus, '÷' means plus and '÷' means division, then 3a 5b 2c (4d 4) = \_\_\_\_\_?

- (1) 6 (2) 0  
(3) 24 (4) 12

41. GTC : JWX :: CHN : ?

- (1) FGR (2) PFG  
(3) FFR (4) FGP

**Directions (42 - 45) :** The figure given below consists of three intersecting circles which represent set of players who play tennis, badminton and kabaddi, each region in the figure is represented by a number.



42. How many players play Kabaddi ?

- (1) 48 (2) 28  
(3) 38 (4) 45

43. Which number represents the set of players who play only Tennis ?

- (1) 20 (2) 15  
(3) 5 (4) 18

44. Which number represents the set of players who play both tennis and badminton but not kabaddi ?

- (1) 10 (2) 12  
(3) 15 (4) 5

45. Which game is played by least number of players ?

- (1) Tennis (2) Badminton  
(3) Kabaddi (4) All the three

46. The average of eleven numbers is 50. If average of first ten numbers is 52 then what is the eleventh number ?

- (1) 8 (2) 60  
(3) 30 (4) 110

47. If 59 is added to a square of a number, the result is 600. What is the number ?

- (1) 20 (2) 28  
(3) 29 (4) 27

48. If C is to the West of A and B is to the South of A, in what direction is B with respect to C ?

- (1) NW (2) SE  
(3) NE (4) SW

49. Deepa and Sooni together do a work in 6 days. Deepa can complete the same work alone in 9 days. In how many days will Sooni complete the work alone ?

- (1) 18 days (2) 3-days  
(3) 12 days (4) 15 days

50. The population of a city was 70,000. It increased by 8%. What is the population now ?

- (1) 75,000 (2) 76,000  
(3) 76,000 (4) 75,000

51. What will be the Highest Common Factor of a, b and 12 ?

- (1) 1 (2) 4  
(3) 6 (4) 2

52. If CORRECTION is coded as DPSSFLUPG, how would EMDITION be coded ?

- (1) PPSLLPQ (2) PMSLUP  
(3) PMSLUPQ (4) PMSLUP

53. A motorcycle covers 60 km. in 3 hours. Its speed is doubled.

What distance will it cover in the next 1 hour ?

- (1) 360 km. (2) 40 km.  
(3) 60 km. (4) 120 km.

54.  $75 \times \frac{1}{30} + \frac{1}{2} = ?$

- (1) 1.25 (2) 1.5  
(3) 12.5 (4) 5

55. Kamal walks 25 metre towards North. He then turns left and walks for 30 metre. He then again turns left and walks for 25 metre. He then turns left and walks for 30 metre. How far is he from his starting position ?

- (1) 30 metre (2) 60 metre  
(3) 120 metre (4) 70 metre

56. At what % of simple interest per annum will Rs. 400 amount to Rs. 520 in five years ?

- (1) 6% (2) 5%  
(3) 5.5% (4) 34%

57. The radius of a circular field is 31.5 metre. What is its circumference ?

- (1) 126 metre (2) 124 metre  
(3) 237 metre (4) 110 metre

58. The difference of cubes of two consecutive numbers is 127. What are the numbers ?

- (1) 5 and 6 (2) 4 and 5  
(3) 6 and 7 (4) 7 and 8

59. The length of a rectangular field is increased by 20% and breadth is decreased by 20%. What is the per cent increase or decrease in its area ?

- (1) 20% increase  
(2) 4% decrease  
(3) 1% increase  
(4) No change

60. Anar is twenty fourth in a queue starting from either end. How many persons are there in the queue ?

- (1) 40 (2) 48  
(3) 47 (4) 45

61. Ram moves 10 km towards East then moves 10 km right, again moves 10 km right, in which direction is he now from the starting point ?

- (1) North (2) West  
(3) South (4) East

62.  $0.0090 + 0.05 = 0.05 + ?$

- (1) 0.15 (2) 0.05  
(3) 0.10 (4) 0.50

83. A shirt priced at Rs. 150 is being sold at a discount of 40% a 40%. What is its price after discount?
- (1) Rs. 0 (2) Rs. 140  
(3) Rs. 90 (4) Rs. 90
84. The sum of two digits of a number is 13. If 9 is subtracted from the number, the digits are interchanged. What is the number?
- (1) 76 (2) 67  
(3) 75 (4) 57
85. The sum of four consecutive positive integers is 60, then the smallest one of them is:
- (1) 10 (2) 12  
(3) 22 (4) 21
86. Ravi walks 8 km towards West and then turns towards left and travels for 6 km. How far is Ravi from his starting point and in which direction?
- (1) NE 2 km (2) SE 14 km  
(3) NW 10 km (4) SW 10 km
87. What is the Lowest Common Multiple of 3, 3 and 7?
- (1) 42 (2) 21  
(3) 14 (4) 6
88. There are 1500 students in a school. 15% are Muslims, 7% Sikhs, 6% Christians and remaining are Hindus. How many Hindu students are there in the school?
- (1) 1470 (2) 700  
(3) 1050 (4) 1200
89. 20 days can eat 20 kims in 10 days. In how many days can 40 days eat 40 such kims?
- (1) 1 (2) 20  
(3) 30 (4) 10
90. If BANGLE is coded as KLNRA, How would SANDAL be coded?
- (1) LADNSA (2) LADNAS  
(3) LADNSA (4) LADNAS
91. If Wednesday falls on 20th January, then what day will it be on the last day of January?
- (1) Friday (2) Monday  
(3) Sunday (4) Thursday
92. 60% is equal to
- (1)  $\frac{6}{9}$  (2)  $\frac{9}{10}$   
(3)  $\frac{3}{5}$  (4)  $\frac{7}{9}$
93. Average height of a class of 12 students is 150 cm. The average decreases to 170 cm when the height of the class teacher is also added. What is the height of the teacher?
- (1) 150 cm (2) 167 cm  
(3) 170 cm (4) 160 cm
94.  $3 - 1 + 3 \times 6 - 3 - 1 = ?$
- (1) 11 (2) - 3  
(3) 7 (4) 19
95. Rishi earned Rs. 83.2 at compound rate of interest 8% per annum over two years. How much did he invest?
- (1) Rs. 600 (2) Rs. 500  
(3) Rs. 340 (4) Rs. 503.2
96. If  $\frac{1}{4}$  of third-part of a number is equal to 5, then the number is:
- (1) 15 (2) 60  
(3) 12 (4) 90
97. If  $\times$  stands for division,  $+$  stands for subtraction,  $\times$  stands for multiplication and  $-$  stands for addition, then  $6 \times 2 + 2 - 4 = ?$
- (1) 0 (2) 4  
(3) 10 (4) 9
98. In a group of seven teams, each team plays against one another twice. How many total matches will be played in the group?
- (1) 42 (2) 48  
(3) 45 (4) 28
99. A bus travels at a speed of 75 km/hr for 45 minutes and then travels at a speed of 90 km/hr for 45 minutes. What distance will it cover in one and a half hour?
- (1) 123.75 km (2) 135 km  
(3) 125 km (4) 82.5 km
100. How many even numbers are there in the following sequence of numbers which are immediately preceded by an odd number but immediately followed by an even number?  
5 1 4 7 3 8 6 7 2 4 3 1 5 8 5 3 8 9 2 7 4 3 4 5 0
- (1) Two (2) One  
(3) Four (4) Three
101.  $0.105 = 1.05 + 0.315 + 0.015 = ?$
- (1) 1.485 (2) 1.875  
(3) 1.25 (4) 1.785
102. Which is the largest fraction?
- (1)  $\frac{3}{4}$  (2)  $\frac{7}{9}$   
(3)  $\frac{7}{8}$  (4)  $\frac{9}{10}$
103. Average of 5 numbers is 45. If 2 is subtracted from each number then what is the new average?
- (1) 33 (2) 34  
(3) 25 (4) 9
- 104.
- 
105. What is the ratio of 20 paise and Rs. 4?
- (1) 1 : 8 (2) 1 : 16  
(3) 1 : 50 (4) 1 : 5
106. A shopkeeper sold a shirt for Rs. 728 at a loss of 5%. If he had sold for Rs. 752, what would have been the gain/loss per cent?
- (1) 6% loss (2) 5% profit  
(3) 1% loss (4) 6% profit
107. Convert  $\frac{9}{10}$  into decimal.
- (1) 90 (2) 1.90  
(3) 0.09 (4) 0.9
108. Shyam sold a bag for Rs. 388.8 at a gain of 17%. What was its cost price?
- (1) Rs. 390 (2) Rs. 530  
(3) Rs. 345 (4) Rs. 500
- 109.
- 
- (1) (2) (3) (4)

90. In a certain code SEAT is coded as RDSZ. How would READ be coded ?  
 (1) QDZC (2) GDGE  
 (3) QDZE (4) QDCC
91. What time will a runner take to run a distance of 8 km at a speed of 16 km/hr ?  
 (1) 35 minutes  
 (2) 33 minutes  
 (3) 31 minutes  
 (4) 32 minutes
92. If PERFECTION is coded as KPHQNMOTG, how will IMPOSTER be coded ?  
 (1) OPMRSTZ (2) OPMRSTX  
 (3) OPMRSTY (4) OPMRSTW
93. The area of a square field is 100 sq. metres. What would be the length of the rope required to fence the field from any three sides ?  
 (1) 50 metre (2) 42 metre  
 (3) 32 metre (4) 147 metre
94. If 40% of a number is 164, then what is the value of 55% of the number ?  
 (1) 200 (2) 391  
 (3) 300 (4) 288
95. A TV is bought for Rs. 42,000 and sold for Rs. 49,140. What is the gain per cent ?  
 (1) 6% (2) 7.14%  
 (3) 17% (4) 7%
96. For making which sweet is winter melon or white gourd soaked in sugar syrup ?  
 (1) Jalebi (2) Pitha  
 (3) Gulab Jaman (4) Murabba
97. Which of these is an essential component of most acids ?  
 (1) Hydrogen (2) Oxygen  
 (3) Helium (4) Nitrogen
98. Sir Creek is a disputed territory between India and \_\_\_\_\_  
 (1) Myanmar (2) Nepal  
 (3) Pakistan (4) Bangladesh
99. Which of these is essential to keep bones strong in the body ?  
 (1) Iodine (2) Zinc  
 (3) Pate (4) Calcium
100. How many different kinds of zodiac signs are there in Astrology ?  
 (1) 12 (2) 16  
 (3) 14 (4) 11
101. The Nobel Peace Prize for 2014 has been awarded to  
 (1) Kailash Satyarthi  
 (2) Barack Obama  
 (3) Kailash Satyarthi and Tawakkul Karman  
 (4) Kailash Satyarthi and Malala Yousafzai
102. The autobiography of which freedom fighter is titled 'Amsakatha' which he wrote during his prison time in Bardipore Jail in Patna ?  
 (1) Rajendra Prasad  
 (2) Ram Manohar Lohia  
 (3) Lal Bahadur Shastri  
 (4) Jayaprakash Narayan
103. Which was the first element to be artificially produced ?  
 (1) Technetium  
 (2) Francium  
 (3) Einsteinium  
 (4) Promethium
104. Who was the host of TV show 'Big Boss 8' ?  
 (1) Salman Khan  
 (2) Anant Chhachhar  
 (3) Shah Rukh Khan  
 (4) Anir Khan
105. Which of the following is not a social networking website ?  
 (1) Facebook (2) G+  
 (3) Wikipedia (4) Twitter
106. In the Northern Hemisphere, around which date does the summer solstice occur ?  
 (1) 21st June (2) 22nd July  
 (3) 23rd May (4) 21st March
107. Which of these fruits is not rich in vitamin C ?  
 (1) Orange (2) Kiwi  
 (3) Lemon (4) Apple
108. Deepika Kumari is associated with which sport ?  
 (1) Shooting (2) Wrestling  
 (3) Archery (4) Football
109. Which of these countries is an archipelago ?  
 (1) Laos (2) Chile  
 (3) Philippines (4) Argentina
110. Flight 17, which was shot down over Ukraine was a scheduled international passenger flight to Kuala Lumpur from \_\_\_\_\_  
 (1) Amsterdam (2) Moscow  
 (3) Paris (4) London
111. Manik Sarkar is the Chief Minister of \_\_\_\_\_  
 (1) Assam (2) Tripura  
 (3) West Bengal (4) Sikkim
112. Kaziranga National Park is most famous for \_\_\_\_\_  
 (1) Swamp Deer  
 (2) Wild Ass  
 (3) One-horned Rhinoceros  
 (4) Asiatic Lion
113. Which was the last autonomous territory or protectorate to integrate with the Indian union ?  
 (1) Puducherry (2) Sikkim  
 (3) Goa (4) Goa
114. Which country will host the 2016 Summer Olympic Games ?  
 (1) Argentina (2) Russia  
 (3) Japan (4) Brazil
115. Raan of Kutub is situated in which state ?  
 (1) Bihar (2) Rajasthan  
 (3) Gujarat (4) Maharashtra
116. Which new university started after an ancient centre of learning in its vicinity, began its academic session in 2014 ?  
 (1) Takshila (2) Nalanda  
 (3) Pushyapuri  
 (4) Vikramshila
117. The sign for which mathematical function is the logo of the Red Cross society ?  
 (1) Subtraction  
 (2) Multiplication  
 (3) Division (4) Addition
118. Who was the ruling Governor General of India when the power was transferred from the East India Company to the British crown ?  
 (1) Lord Irwin  
 (2) Lord Curzon  
 (3) Lord Cawson  
 (4) Lord Mountbatten
119. Wangchuck dynasty is the ruler of which country ?  
 (1) Brunei (2) Indonesia  
 (3) Myanmar (4) Bhutan
120. Which of these Union Cabinet members have never served as the Chief Minister of any State or Union territory ?  
 (1) Ram Vilas Paswan  
 (2) D. V. Sadasananda Gowda  
 (3) Rajnath Singh  
 (4) Sushma Swraj