

APTITUDE QUIZ

Q1. Ranveer goes to a place on bicycle at speed of 22 kmph and comes back at a speed of 20 kmph. If the time taken by him in second case is 36 min. more than that of first case, what is the total distance travelled by him (in km)?

- (a)128
- (b)136
- (c)123
- (d)132
- (e)134

Q2. The average of sixty observations was calculated as 30. It was found later, that 45 and 46 of the observation were misread as 54 and 64 respectively. What is the correct average?

- (a)26.7
- (b)34.25
- (c)29.55
- (d)32.55
- (e)28.87

Q3. A man swimming in a stream which flows 2.5 kmph finds that in a given time he can swim thrice as far with the stream as he can against it. How many distance he will cover in 4 hours against the current?

- (a)10 km

- (b) 14 km
- (c) 8 km
- (d) 9 km
- (e) 12 km

Q4. Two barrels contain a mixture of petrol and diesel. The content of petrol is 40% in the first barrel and 70% in the second barrel. In what ratio must the mixtures from the first and the second barrels be taken to form a mixture containing 55% diesel?

- (a) 1 : 5
- (b) 5 : 1
- (c) 3 : 2
- (d) 5 : 3
- (e) 5 : 6

Q5. The difference in the probability of selecting 1 blue Ball and 2 Blue balls is $\frac{8}{49}$. If total balls are 50, find the number of blue balls.

- (a) 10
- (b) 15
- (c) 20
- (d) 8
- (e) 12

Directions (6-10): Simplify the following questions.

Q6. $3333 + 333 + 33 + 3.33 + 0.30 + 0.033 = ?$

- (a) 3702.663
- (b) 3936.848
- (c) 3396.884
- (d) 3720.663
- (e) 3672.063

Q7. $\frac{2}{3} \times \frac{6}{4} \times \frac{7}{8} \times \frac{64}{49} + \frac{6}{7} = ?$

- (a) 2
- (b) 4
- (c) 1
- (d) 3
- (e) 5

Q8. 3% of 500/18 of 2/5 ? = 300

- (a) 800
- (b) 900
- (c) 1200
- (d) 1500
- (e) 1800

Q9. $174 + 568 + 974 - 810 = ?$

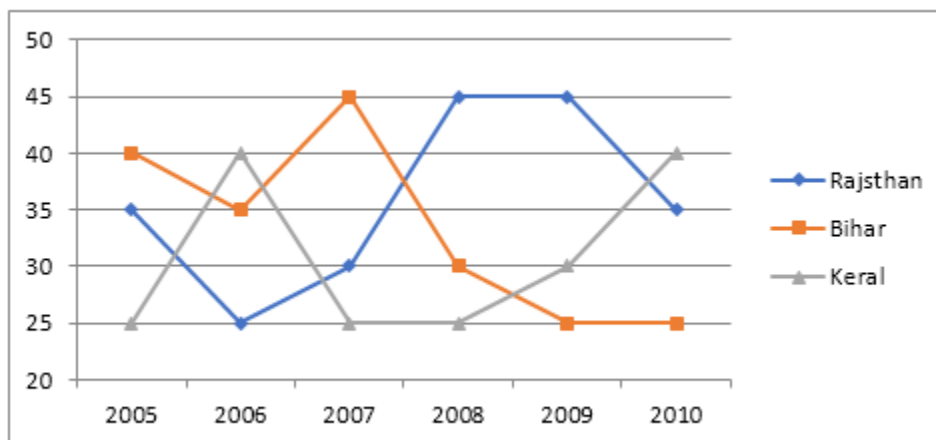
- (a) 902
- (b) 904
- (c) 905
- (d) 904
- (e) 906

Q10. $10 \times 30 \div 45 \times 9 + 6$

- (a) 66
- (b) 76
- (c) 86
- (d) 56
- (e) 46

Directions (11-15) Study the following graph carefully & answer accordingly.

The following graph shows the percentage of number of girls born in three different states of India for the years 2005-2010



Q11. If the total no. of girls born in Keral were 70,000 in 2007, then find the total number of girls born in Rajsthan in the same year 2007.

- (a) 85,000
- (b) 80,000
- (c) 84,000
- (d) 1,30,000
- (e) 1,02,000

Q12. The average value of percentage of girls born in Rajsthan throughout the six years together is approximately how many times the average value of percentage of girls born in Keral over all the years together?

- (a) 3
- (b) 1.5
- (c) 2.5
- (d) 2
- (e) 1.16

Q13. From 2008 to 2009, there was increment of 20% in total no. of girls born in all three states. If no. of girls born in Bihar in 2009 was 60,000 then find the total no. of girls born in Rajsthan in 2008.

- (a) 90,000
- (b) 1,00,000
- (c) 95,000
- (d) 85,000

(e) 1,05,000

Q14. If number of girls born in Rajsthan in 2006 was 80,000, then find the average number of girls born in Bihar and Keral together in 2006.

(a) 1,21,000

(b) 1,15,000

(c) 1,25,000

(d) 1,20,000

(e) 1,00,000

Q15. If in 2008, there were 30,000 girls born in Bihar then find the ratio of no. of girls born in Keral and Rajsthan in that year.

(a) 2 : 3

(b) 9 : 5

(c) 5 : 9

(d) 6 : 5

(e) 3 : 2

ANSWERS

1. D

2. C

3. A

4. B

5. A

- 6. A
- 7. A
- 8. B
- 9. E
- 10. A
- 11. C
- 12. E
- 13. A
- 14. D
- 15. C

