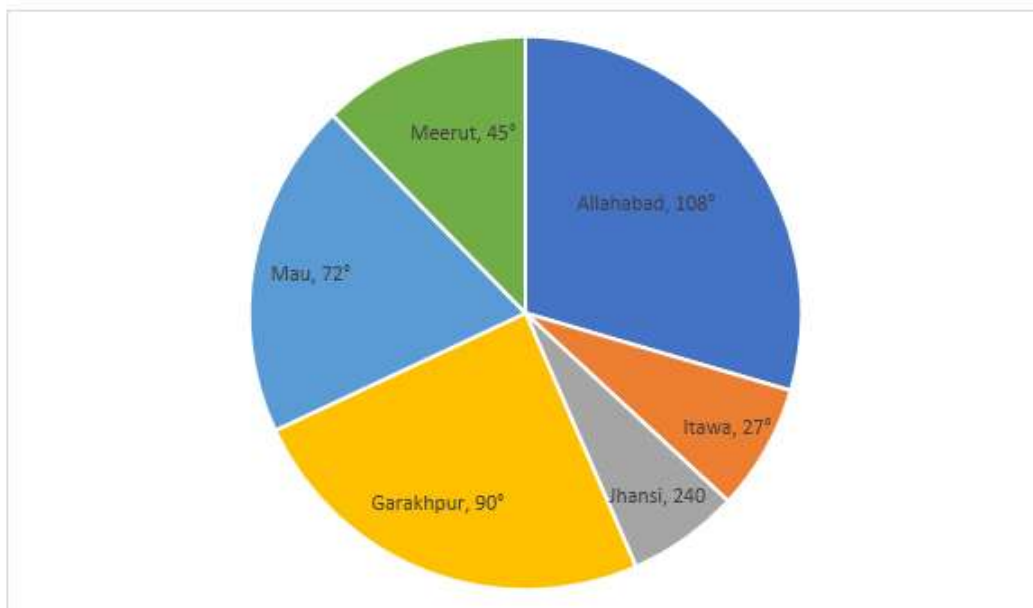


## **APTITUDE QUIZ**

**Direction (1-5):** The following pie-chart shows the no. of families in Uttar Pradesh who were declared poor families (in degree) on the basis of their annual income report given by social welfare department of U.P. in 6 different cities. Study the chart carefully and given the answer of related question to it.  
**Note:** Some data are in degree while some data are in absolute value.



**Q1. Total no. of poor families in Allahabad and Mau together is how much percent more than that in Gorakhpur and Meerut together?**

- (a) 60/7%
- (b) 100/3%
- (c) 50/3%

(d) 40/3%

(e) 25%

**Q2. What is the average no. of families in cities Meerut, Mau and Gorakhpur together who are declared poor by social welfare department of UP?**

(a) 740

(b) 820

(c) 920

(d) 860

(e) 960

**Q3. In Itawa, if 100/3% families have annual income much lower than poverty limit and each of such families has 4 persons on average. If average spending on each person per annum in these families be Rs. 12,000 then find total annual spending of these families together (in Rs.)**

(a) 52,60,000

(b) 57,60,000

(c) 48,60,000

(d) 75,60,000

(e) None of these

**Q4. What is the ratio of total no. of poor families in Jhansi and Mau together to the total no. of poor families in Jhansi and Allahabad together?**

- (a) 5 : 3
- (b) 3 : 5
- (c) 7 : 5
- (d) 5 : 7
- (e) 7 : 9

**Q5. What is the difference of poor families in cities Itawa and Meerut together and poor families in cities Jhansi and Itawa together?**

- (a) 360
- (b) 500
- (c) 600
- (d) 380
- (e) 450

**Q6. 50 people can complete a piece of work in 40 days. In how many days can 100 people with twice the efficiency complete the same piece of work?**

- (a) 20 days
- (b) 10 days
- (c) 15 days
- (d) 25 days
- (e) None of these

**Q7. If Population of a village in year 2007 was 180000 it became 210000 in 2008, What was the per cent rise in population from 2007 to 2008?**

- (a) 15%
- (b) 14.29
- (c) 16%
- (d) 16.25
- (e) 50/3%

**Q8. What would be the cost of laying a carpet on a floor which has its length and breadth in the respective ratio of 32 : 21 and where its perimeter is 212 ft, if the cost per square foot of laying the carpet is Rs 2.5?**

- (a) Rs 6720
- (b) Rs 5420
- (c) Rs 7390
- (d) Cannot be determine
- (e) None of these

**Q9. A boat while travelling upstream covers a distance of 18 km at the speed of 3 km/h, whereas while travelling downstream it covers the same distance at a speed of 9 km/h. What is the speed of the boat in still water?**

- (a) 3 km/h
- (b) 5 km/h
- (c) 7 km/h
- (d) Cannot be determined
- (e) 6 km/h

**Q10. A trader gains 15% after selling an item at 10% discount on the printed price. The ratio of the cost price and printed price of the item is**

- (a) 18 : 23
- (b) 17 : 18
- (c) 17 : 23
- (d) 18 : 25
- (e) None of these

**Directions (11-15): What will come in place of question mark (?) in the following no. series?**

**Q11. 3, 9, 31, 129, 651, ?**

- (a) 3915
- (b) 3913
- (c) 3911
- (d) 3261
- (e) 4565

**Q12. 480, 480, 960, 320, 1280, ?**

- (a) 800
- (b) 6400
- (c) 256
- (d) 128
- (e) 32

**Q13. 10, 22, 58, 118, 202, ?**

- (a) 310
- (b) 442
- (c) 320
- (d) 394
- (e) 334

**Q14. 48, 24.5, 25.5, 53, 216, ?**

- (a) 432
- (b) 868
- (c) 1736
- (d) 2170

(e) 3472

**Q15. 110, 133, 165, 222, 328, ?**

(a) 515

(b) 510

(c) 555

(d) 596

(e) 409

**ANSWERS**

**1. B**

**2. C**

**3. B**

**4. D**

**5. A**

**6. B**

**7. E**



8. A

9. E

10. A

11. B

12. C

13. A

14. C

15. A

