

## NIIT Technologies Sample Paper Questions

**Q1. A sum of Rs. 312 was divided among 100 boys and girls in such a way that the boy gets Rs.3.60 and each girl Rs.2.40 the number of girls is**

- A. 40
- B. 45
- C. 50
- D. 35

**Q2. The ratio between the speeds of the A and B is 2:3 and therefore A takes 10 min more than the time taken by B to reach the destination. If A had walked at double the speed, he would have covered the distance in?**

- A. 30 mins
- B. 10 mins
- C. 20 mins
- D. 40 mins

**Q3. An observer 1.6 m tall is 203 away from a tower. The angle of elevation from his eye to the top of the tower is 30 degree. The height of the tower is:**

- A. 21.6 m
- B. 23.2 m
- C. 24.72 m
- D. None of these

**Q4. A can run 22.5 m while B runs 25 m. In a kilometre race, B beats A by:**

- A. 100 m
- B.  $111 \frac{1}{9}$  m
- C. 25 m
- D. 50 m

**Q5. If Rs.10,000/- amount to Rs.14,000/- in 5 years, If the rate of interest is reduced by 3%. What would be the amount?**

- A. 12000
- B. 12400
- C. 13000
- D. 12500

**Q6. A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/hr, what is the length of the platform?**

- A. 120 cm
- B. 240 cm
- C. 300 cm
- D. 110 cm

**Q7. In a garden , there are 10 rows and 12 columns of mango trees. The distance between the two trees is 2 m and a distance of one meter is left from all sides of the boundary of the length of the garden is**

- A. 22 m
- B. 20 m
- C. 15 m
- D. 10 m

**Q8. A jar full of whisky contains 40% alcohol. A part of this whisky is replaced by another containing 19% alcohol and now the percentage of alcohol was found to be 26% the quantity of whisky replaced is**

- A.  $\frac{3}{2}$
- B.  $\frac{3}{4}$
- C.  $\frac{2}{3}$
- D.  $\frac{5}{3}$

**Q9. Today is 1st April. The day of the week is Wednesday. This is a leap years. The day of the week on this day after 3 years will be**

- A. Monday
- B. Saturday
- C. Wednesday
- D. Friday

**Q10. Of the total amount received by krian, 20% was spent on purchases and 5% of the remaining on transportation. If he is left with Rs.1520, the initial amount was**

- A. 2000
- B. 2400
- C. 3000
- D. 3500

**Q11. Rajan got married 8 years ago. His present age is  $\frac{6}{5}$  times his age at the time of his marriage. Rajans sister was 10 years younger to him at the time of his marriage. The age of Rajans sister is:**

- A. 32 years
- B. 36 years
- C. 38 years
- D. 40 years

**Q12. On dividing a number by 5, we get 3 as remainder. What will the remainder when the square of the this number is divided by 5?**

- A. 0
- B. 1
- C. 2
- D. 4

**Q13. Bucket p has thrice the capacity as bucket Q. It takes 60 turns for bucket P to fill the empty drum. How many turns it will take for both the buckets p and q having each turn together to fill the empty drum?**

- A. 55
- B. 65
- C. 30
- D. 45

**Q14. A man invested Rs. 1552 in a stock at 97 to obtain an income of Rs. 128. The dividend from the stock is:**

- A. 7.5%
- B. 8%
- C. 9.7%
- D. None of these

**Q15. If 6 men working 8 hours a day earn Rs.840 per week then 9 men working 6 hours a day will earn how much per week?**

- A. 900
- B. 945
- C. 980
- D. 1000