

Reliance Placement Paper

Aptitude Test Questions

1. Fox belongs to family of?

- (a) Wolf
- (b) Tiger
- (c) Cat

2. Accident: Carefulness::Disease: ?

- (a) Doctor
- (b) Medicine
- (c) Sanitation

3. In one party there are wife and husband and their two sons with their wives and each son have 4 children. How many are there in the party?

4. 4 $\frac{1}{2}$ yard cloth costs 90 cents; what is the cost of 2 $\frac{1}{2}$ yard cloth?

5. 10 boxes of apple weigh 400 pounds. Each empty box weighs 4 pounds. What is the weight of total apples?

6. Husbands are _____ shorter than wives.

- (a) Never
- (b) Usually
- (c) Rarely
- (d) Always

(e) Frequently

(f) Seldom

7. Fathers are _____wiser than sons.

(a) Never

(b) Usually

(c) Rarely

(d) Always

(e) Frequently

(f) Seldom

8. Mothers are _____older than their daughters.

(a) Never

(b) Usually

(c) Rarely

(d) Always

(e) Frequently

(f) Seldom

9. Which number is odd one the series.

0 1 3 6 10 15 21 28 34

10. If $12+22=24$ $23+8=6$ $32+13=40$ $73+16=144$ then $36+2=?$

11. In a grass field, if there are 40 cows, they could eat for 40 days. If there are 30 cows, they could eat for 60 days. Than if 20 cows, how much day they could eat?

- (a) 60
- (b) 80
- (c) 55
- (d) 50

12. P's father is Q's son. M is the paternal uncle of P and N is the brother of Q. How is N related to M?

- (a) Brother
- (b) Nephew
- (c) Cousin
- (d) Data inadequate
- (e) None of these

13. Which of the following fraction is less than $\frac{1}{3}$?

- (a) $\frac{22}{62}$
- (b) $\frac{15}{46}$
- (c) $\frac{2}{3}$
- (d) 1

14. In a class, except 18 all are above 50 years, 15 are below 50 years. how many people are there?

- (a) 30
- (b) 33
- (c) 36
- (d) None of these

15. Information is?

- (a) Message
- (b) Data
- (c) Processed data
- (d) None

Technical Test

1. Series of resistors are connected across ideal voltages. If pair of resistors is introduced then, what happens to the voltage?

- (a) Halved
- (b) Doubled
- (c) Tripled
- (d) No change

2. Calculation of some OP-AMP parameters like CMRR.

3. Which of these Classes of amplifiers are least efficient?

- (a) Class A
- (b) Class D
- (c) Class B
- (d) Class C

4. In a RC coupled amplifier, coupling capacitor is used-

- (a) Changes the frequency response
- (b) Frequency response is unaltered.
- (c) To reduce DC component but no effect on frequency response.
- (d) Don't Know

5. Which of these is not a 8-bit processor

- (a) 8085
- (b) Z-60
- (c) 606666
- (d) 6025

6. What is 3rd pin of op amp?

- (a) Inverting i/p
- (b) Non inverting i/p
- (c) Output

7. In thermocouples, ANSI symbol of _____ Thermocouple is

8. TCP/IP stands for _____?

9. ISO stands for _____?

10. Which of following is the Example for mass flow meter?

- (a) Orifice
- (b) Turbine
- (c) Venturi
- (d) Rota meter

11. The output of Turbine Flow meter is?

- (a) Linear
- (b) Non Linear

12. Which of following OP amp is used to strengthen the weak signal?

(a) 741

(b) Op 07

(c) 710

13. What is the cause for the CMRR?

(a) 2 grounds in the circuit

(b) One ground in the circuit

(c) NO ground in the circuit

14. The beta ratio in flow meter is?

(a) d/D

(b) D/d

15. Which of following is not true in magnetic flow meter/ultrasonic flow meter?

