

## **APTITUDE QUIZ**

### **General Aptitude Questions for Competitive Exam:**

**Q.1. A train running at the speed of 60 km/hr crosses a pole in 9 seconds. What is the length of the train?**

- (a) 120 metres
- (b) 180 metres
- (c) 324
- (d) cannot be determined
- (e) None of these

**Q.2. A train 132 m long passes a telegraph pole in 6 seconds. Find the speed of the train.**

- (a) 70 km/hr
- (b) 72 km/hr
- (c) 79.2 km/hr
- (d) 80 km/hr

**Q.3. A train covers a distance of 12 km in 10 minutes. If it takes 6 seconds to pass a telegraph post, then the length of the train is:**

- (a) 90 m
- (b) 100 m
- (c) 120 m

(d) 140 m

**Q.4. The length of the bridge, which a train 130 metres long and travelling at 45 km/ hr can cross in 30 second, is:**

- (a) 200 m
- (b) 225 m
- (c) 245 m
- (d) 250 m

**Q.5. A train 800 meters long is running at a speed of 78 km/hr. If it crosses a tunnel in 1 minute, then the length of the tunnel (in metres) is:**

- (a) 130
- (b) 360
- (c) 500
- (d) 540

**Q.6. A goods train runs at the speed of 72 km/hr and crosses a 250 m long platform in 26 second. What is the length of the goods trains?**

- (a) 230 m
- (b) 240 m
- (c) 260 m
- (d) 270 m

**Q.7. The length of a train and that of a platform are equal. If with a speed of 90 km/hr, the train crosses the platform in one minute, then the length of the train (in metres) is:**

- (a) 500
- (b) 600
- (c) 750
- (d) 900

**Q.8. A train of length 150 metres takes 40.5 seconds to cross a tunnel of length 300 metres, what is the speed of the train in km/hr?**

- (a) 13.33
- (b) 26.67
- (c) 40
- (d) 66.67

**Q.9. A train crosses a platform 100 m long in 60 seconds at a speed of 45 km/hr. The time taken by the train to cross an electric pole is:**

- (a) 8 sec
- (b) 52 sec
- (c) 1 minute
- (d) date inadequate

**Q.10. A train passes a station platform in 36 second 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 m
- (b) 240 m
- (c) 300 m
- (d) none of these

**Q.11. A sum of Rs. 25000 amounts to Rs. 31000 in 4 years at the rate of simple interest what is the rate of interest?**

- (a) 3%
- (b) 4%
- (c) 5 %
- (d) 6 %
- (e) None of these

**Q.12. Kamla took a loan of Rs. 2400 with simple interest for as many years as the rate of interest. If she paid Rs. 864 as interest at the end of the loan period, what was the rate of interest?**

- (a) 3.6
- (b) 6
- (c) 18
- (d) cannot determined

(e) None of these

**Q.13. Ram took a loan from a bank at the rate of 24% P.a simple interest. After 6 years he had to pay Rs 10800 interest only for the period. The principal amount borrowed by him was?**

- (a) 6000
- (b) 7500
- (c) 7200
- (d) 4200
- (e) None of these

**Q.14. What is the present worth of Rs. 264 dues in 4 years at 10% simple interest per annum?**

- (a) 170.20
- (b) 166
- (c) 188.57
- (d) 175.28

**Q.15. A sum fetched a total simple interest of Rs. 8016.25 at the rate of 6 p.c.p.a in 5 years what is the sum?**

- (a) 24720.83
- (b) 26730.33
- (c) 26720.83
- (d) 26710.63

(e) None of these

**Q.16. Rs. 800 becomes Rs. 956 in 3 years at a certain rate of simple interest. If the rate of interest is increased by 4%, what amount will Rs 800 become in 3 years?**

- (a) 1020.80
- (b) 1025
- (c) 1052
- (d) Data inadequate
- (e) None of these

**Q.17. A certain amount earns simple interest of Rs. 1750 after 7 years. Had the interest been 2% more, how much more interest would it have earned?**

- (a) Rs.35
- (b) Rs. 245
- (c) Rs. 350
- (d) cannot be determined
- (e) None of these

**Q.18. In how many years, Rs 150 will produce the same interest@8 % as Rs. 800 produce in 3 years @ 4%?**

- (a) 6
- (b) 8

(c) 9

(d) 12

**Q.19. What will be the ratio of simple interest earned by certain amount at the same rate of interest for 6 years and that for 9 years?**

(a) 1 : 3

(b) 1 : 4

(c) 2 : 3

(d) Data inadequate

(e) None of these

**Q.20. Nitin borrowed some money at the rate of 6% p.a for the first three years, 9 % p.a for the next five years and 13 % p.a for the period beyond eight years. If the total interest paid by him at the end of eleven years is Rs. 8160, how much money did he borrow?**

(a) Rs. 8000

(b) Rs. 10,000

(c) Rs. 12,000

(d) Rs. 1500

(e) Data inadequate

**ANSWERS**

**1.E**

**2.C**

**3.C**

**4.C**

**5.C**

**6.D**

**7.C**

**8.C**

**9.B**

**10.B**

**11.D**

**12.B**

**13.B**

**14.C**

**15.C**

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**16.C**

**17.D**

**18.C**

**19.C**

**20.A**

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