

Latest HTC Global Services Arithmetic Ability Questions

Q1. A 16 story building has 12,000 ft on each floor. Company A rents 7 floors and company B rents 4 floors. What is the number of square feet of unrented floor space?

ANS: 60000 sq ft.

Q2. If 12 shell cupboard requires 18ft of wall space then 30 shell cupboard requires how much wall space?

ANS: 45

Q3. In 1978, a kg of paper was sold at Rs.25/-. If the paper rate increases at 1.5% more than inflation rate which is of 6.5% a year, then what will be the cost of a kg of paper after 2 years?

- a) 29.12
- b) 29.72
- c) 30.12
- d) 32.65
- e) none of these

Q4. From its total income a company spent \$20000 for advertising half of the remainder on salaries and had \$6000 left. What was the total income?

ANS: \$32000

Q5. A company installed 36 punching machines at the beginning of the year. In the spring they installed 9 additional m/c s and then discontinued 18 in the fall. How many were still installed at the end of the year?

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ANS: 9

Q6. The purpose of hashing is:

ANS: $O(1)$ Complexity

Q7. Person has Rs. 100/- in his pocket, he can as 25 pencils or 15 books. He kept 15% of the money for travelling expenses and purchased 5 pencils. So how many books he can purchase with the remaining money. A boy multiplied a number with 10 and got 100, instead of dividing it. If he divided it what would be the answer?

ANS: 1

Q8. Given 100 to 999 numbers. What is the probability of picking a number without digit 7?

ANS: 18/25.

Q9. The average salary of three employees is 95 Rs.per week. If one employee earns 115 and other earns 65 rupees. How much will third be earn?

ANS: 105 Rs

Q10. In a certain company 20% of the men and 40% of the women attended the annual company picnic. If 35% of all the employees are men, what % of all the employee went to the picnic?

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ANS: 33%

Q11. A man owns $\frac{2}{3}$ of a computer service bureau business and sells $\frac{3}{4}$ of his share for \$75000. What is the value of the business?

ANS: 150,000

Q12. In ten film rolls, 3 are defective. What is the probability of picking up 2 defective rolls without replacement?

ANS: $\frac{6}{90}$

Q13. A computer printer produces 176400 lines in a given day. If the printer was in operation for 7hrs during the day how many lines did it print per minute?

ANS: 420

Q14. During a given week a programmer spend $\frac{1}{4}$ of his time preparing charts, $\frac{3}{8}$ of his time for coding, rest of his time for debugging the programs. If he had 48 hrs during the week, how many hours did he spend debugging the program?

ANS: 18 hrs.

Q15. In A, B, C are having some marbles with each of them. A has given B and C the same number of marbles they already have to each of them. Then, B gave C and A the same number of marbles they have, then C gave A and B the same number of marbles they have. At the end A, B and C have equal number of marbles.

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(i) If x , y , z are the marbles initially with A, B, C respectively, then the number of marbles B have at the end?

- a. $2(x-y-z)$
- b. $4(x-y-z)$

(ii) If the total number of marbles are 72, then the number of marbles with A at the starting

- a. 20
- b. 30
- c. 32