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| 1. If there are 1024\*1280 pixels on a screen and each pixel can have around 16 million colors Find the memory required for this? Ans. 4MB   2. int a; int b=0; while(a) { { a&=a-1; b++; } A. a &b B. 0 & 15 C. 1 & 16 D. 0 & 16 E. none   3. class A { public: static int a; A() {a=10}; }; int main() { A b; Printf("%d,b.a); Return 0; } will the program compile? a  yes b.  no   4. M men agree to purchase a gift for Rs. D. If three men drop out how much more will each have to contribute towards the purchase of the gift/ A. D/(M-3) B. MD/3 C. M/(D-3) D. 3D/(M2-3M) Ans. D   5. A company contracts to paint 3 houses. Mr.Brown can paint a house in 6 days while Mr.Black would take 8 days and Mr.Blue 12 days. After 8 days Mr.Brown goes on vacation and Mr. Black begins to work for a period of 6 days. How many days will it take Mr.Blue to complete the contract? A. 7 B. 8 C. 11 D. 12 Ans.C   6. 2 hours after a freight train leaves Delhi a passenger train leaves the same station travelling in the same direction at an average speed of 16 km/hr. After travelling 4 hrs the passenger train overtakes the freight train. The average speed of the freight train was? A. 30 B. 40 C.58 D. 60 Ans. B   7. Find the greatest no. that will divide 964,1238 and 1400 leaving remainder of 41,31 and 51 resp. a) 58 b) 64 c) 69 d) 71   8. If all 6’s get inverted and become 9’s , by how much will the sum of all nos. between 1 and 100 both inclusive change?  a) 300 b) 330 c) 333 d) none of these    9. If all the picture cards are removed from a pack of cards, the sum of the values of the remaining is a) 55 b) 220 c) 54 d) 216   10.A batsman scores 23 runs and increases his average from 15 to 16. find the runs to be made if he wants top inc the avg to 18 in the same match. Ans: 39runs. |