**Aarambh classes**

**Class VII( CBSE)**

**Maths**

**Half yearly sample paper**

**Time : 1hour M.Marks : 50**

**SECTION A(20x1=20)**

**Multiple choice questions :**

1. On subtracting -13 from -7 ,we get
2. -20 (b) 20 (c) 6 (d) -6
3. Subtracting from ,we get :
4. (b) (c) (d)
5. The sum of two integers is -119 .If one of them is -19,then the other is



1. -100 (b) 100 (c) -138 (d) 138
2. (-137)x(-117) +(-137 )x(17) = ?
3. 13700 (b)-13700 (c) 14700 (d) -14700
4. 10000 x 0.01 = ?
5. 10 (b)100 (c) 1000 (d) 10000
6. 1 =?
7. (b) (c) (d)
8. Which of the following is a true statement ?
9. -9 (b) -9 (c) we can’t compare them
10. The additive inverse of -47 is
11. (b) (c) 47 (d) 0
12. Supplement of 850 is :
13. 1050 (b) 950 (c) 850 (d) 750
14. A pair of integers whose difference is 4 is :
15. -3,-7 (b) 3,-7 (iii) 3,7 (iv) -3,7
16. Reciprocal of 3 is :
17. 1 (b) 4 (c) (d) none of these
18. Which of these could possibly not be the lengths of the sides of a triangle :
19. 2,3,4 (b)4,5,3 (c)2.5,1.5,4 (d) 3,5,7
20. The mean of first five whole numbers is :
21. 0 (b)1 (c)2 (d) none of these
22. are :
23. Like fractions (b)irreducible fractions (c) equivalent fractions (d) none of these
24. =?
25. 1 (b) (c) 2 (d)
26. The mean of first five multiples of 3 is :
27. 6 (b)9 (c) 12 (d) 15
28. 0.08 0.016 =?
29. 500 (b) (c) 5 (d ) none of these
30. Two acute angles of a right triangle are equal.The angles are :
31. 300,300 (b)450,450 (c) 600,600 (d) none of these
32. The product of two numbers is 13 .If one of the numbers is 8 ,the other number is :
33. (b) (c) 1 (d)1
34. 2x+3 = 3 (x-5) ,find x :
35. 6 (b)12 (c) 15 (d) 18

**SECTION B ( 3**

1. In a test (+3 marks ) are given for every correct answer and (-2) for every wrong answer .Ravi answered all the questions and scored 80 marks .If he gave 40 correct answers ,how many questions were wrong ?
2. Ahmed had 30 sheeps .One-third of sheep died .One-fouth of the remaining sheep ran away.How many sheep are left with Ahmed ?
3. The arithmetic mean of 20,37,13 ,x,19 and 41 is 30.Find the value of x .
4. Each side of a square is 7 m. Find its area and perimeter .
5. List 5 rational numbers between and .
6. (i)Find the angle which is its own complement .

(ii) Find the angle which is double its supplement .

a 0 d0 l



1100  850

B0 C0  m



Line l m .Find values of a ,b,c and d .

1. Find x and y in the



Given figure .

1. Heena has only Rs 2 and Rs 5 coins in her purse .If in all she has 80 coins in her purse amounting to Rs 232,find the no .of Rs 5 coins .
2. Three years ago,Gulshan was 5 years older than his sister divya was then .If he is now twice as old as she is ,find their present ages.