**SECTION-A**

Q1 8b-32 1 M

Q2 729 1 M

Q3 For each correct figure 1 M

Q4 Infinite 1 M

 **SECTION-B**

Q5 16/9 2 M

Q6 For drawing number line 1 M

 For placing number on number line 1 M

Q7 7/6 2 M

Q8 Side=5 M 1 M

 Area=25 sq m 1 M

Q9 (I) Triangle 1 M

 (II) Circle 1 M

Q10 Writing Formula 1 M

 Finding Area 1 M

 **SECTION –C**

Q11 for each correct answer ½ m

OR

i) sum = (14x + 10y – 12xy – 13) + (18 – 7x – 10y + 8xy) + (4xy) ½ m

= 14x-7x+10y-10y-12xy+8xy+4xy-13+18 ½ m

=7x + 5 ½ m

ii) sum= (5m – 7n)+( 3n – 4m + 2)+( 2m – 3mn – 5) ½ m

= 5m-4m+2m-7n+3n-3mn+2-5 ½ m

=3m-4n-3mn-3 ½ m

Q12 Applying appropriate law 1 m

 simplification 1 m

 correct answer 1 m

q13 ¾ ×3 1 m

 9/4 1 m

 for correct answer 1 m

q14 3n-15=21 1 m

 3n=36 1M

 n=12 1 M

OR

2x-11=15 1m

2x= 15+11 1m

X= 13 1m

Q15 For correct construction 3 m

Q16 Area of square=3600sqm 1 m

 Length of rectangle=40m 2 m

Q17 for each correct answer 1 m

q18 (i) top 1 m

 (ii)side 1 m

 (iii) front 1 m

 **SECTION-D**

q19 Each correct addition 1 m

 for subtraction 1 m

q20 Total fruits bought by shyama=8.55kg 1.5 m

 Total fruits bought by sarla =8.95kg 1.5 m

 Sarla bought more fruits 1 m

q21 for making correct equation 2 m

 finding correct age (9 years) 2 m

OR

Runs scored by Rahul = x, let

Runs scored by Sachin = 2x ½ m

x + 2x = 200-2 1m

3x = 198 ½ m

X = 198/3=66 1m

Runs scored by Rahul = 66, by Sachin = 132 1m

Q22 for correct construction 4 m

q23 Area of garden=6750sqm 1 m

 Area of garden with path=8500sqm 1 m

 Area of path=1750sqm 1 mark

 Area of garden in hectare=0.6750ha 1 mark

OR

Circumference = 2πr 1 m

C = 2\*22/7 \* 28 = 176 cm 1 m

Distance = 352 m = 35200 cm ½ m

Number of rotations = distance/ circumference = 200 1½ m

q24 for equating denominators 2 marks

 for correct arrangement 2 marks

Q25 (a) 3

 (b) 4

 ( c) 2

 ( d) 6 1 MARKS FOR EACH CORRECT ANSWER

Q26 for simplification 1 mark

 putting correct values 1 mark

 getting correct answer 1 mark

Q27 25t4/8 1 mark for each step

 Q28 for each correct answer 1 mark