**Paper 6 - Questions**

1. On a farm, the ratio of cattle to goat is 4 : 3 and the ratio of cattle to hens is 2 : 7. If there are 105 animals of these three types in the farm, find the number of goats and hens respectively.
2. 20 , 15
3. 15 , 20
4. 15 , 70
5. 70 , 15
6. Jake, Blake and Kiran are friends. The ratio of their heights is 4 : 6 : 7. If Jake’s height 140 cm, what is the height of Kiran?
7. 245 cm
8. 35 cm
9. 210 cm
10. 140 cm
11. Evaluate, **√**100 - √64
12. 10
13. 22
14. 2
15. 36
16. The actual length of stream is 250 m. On a map, the same stream has been drawn on a scale of 1 : 10 000. What is the length of the stream on the map?
	1. 2500 m
	2. 2.5 m
	3. 2.5 cm
	4. 25 cm
17. Underline the answer which represents the angles in a quadrilateral.
	1. 90° , 110° , 100° , 70°
	2. 65° , 100° , 115° , 80°
	3. 65° , 90° , 105° , 85°
	4. 110° , 110° , 80° , 70°
18. The pie chart shows the percentage of children in KS1 who voted for their favourite fruits.



If there are 200 students, how many students chose peaches as their favorite fruit?

1. 69
2. 52
3. 60
4. 4



The bar graph shows the percentages of the sales and the profit of a company. According to the graph, how much more profit was made in March then in January?

1. 10%
2. 25%
3. 30%
4. 50%
5. If the general term of a certain number pattern is 2n – 1, what is the 72nd term of this number pattern?
	1. 143
	2. 144
	3. 145
	4. 142
6. The following figure shows how some sticks were arranged for an assessment activity,

c

a

b

According the above pattern, select the next shape of this pattern

1.
2.
3.
4.
5. A lorry had to make 7 trips in order to transport sand with a of mass 66.5 t. If the lorry carried an equal amount of sand on each trip, what is the mass of the sand it carried on one trip?
	1. 95 t
	2. 0.95 t
	3. 9.5 t
	4. 950 t

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