Multiple Choice Questions

Q.1	In an exam Ashley secured 332 marks. If she secured 83% marks, then the maximum marks is:						
	A	500	**B**	400	**C**	350	**D**	450

Q.2	What percentage of 2 hours is 45 minutes?						
	A	22.5%	**B**	26.6%	**C**	37.5%	**D**	40%

Q.3	A car's fuel efficiency decreased from 20 km/l to 16 km/l. The percent decrease is:						
	A	20%	**B**	25%	**C**	15%	**D**	10%

Q.4	The population of a town increased from 50,000 to 60,000. The percent increase is:						
	A	15%	**B**	18%	**C**	20%	**D**	25%

Q.5	Convert 125% to a fraction						
	A	$\frac{5}{4}$	**B**	$\frac{1}{5}$	**C**	$\frac{1}{25}$	**D**	$\frac{4}{5}$

Q.6	A student scored 180 marks out of 250. The percentage of marks obtained is:						
	A	84%	**B**	62%	**C**	50%	**D**	72%

Q.7	60 is what percent of 800?						
	A	2.5%	**B**	4.8%	**C**	7.5%	**D**	12%

Q.8	25% of 480 is:						
	A	200	**B**	192	**C**	120	**D**	240

Q.9	A shop sold 150 pens, which is 30% of its stock. The total number of pens is:						
	A	500	**B**	700	**C**	890	**D**	1050

Q.10	During a Diwali sale, the price of a refrigerator is reduced from ₹25000 to ₹22800. The decrease percent is:						
	A	12.11%	**B**	11.18%	**C**	8.8%	**D**	13%

	SHORT ANSWER QUESTIONS:
Q.11	40% of the population of a town is men and 35% is women. If the number of children is 20,000, find the number of men.
Q.12	A museum received 140 visitors within the first week of opening. In the second week, 480 people visited the museum. What is the percentage change in the number of visitors over the two weeks?
Q.13	An art gallery contains 45 paintings. After an exhibition painting are bought and sold, and now it contains 38 items. Calculate the percentage change in the number of paintings in the gallery.
Q.14	Express each of the following as percent: (i) $\dfrac{3}{5}$ (ii) $\dfrac{5}{16}$ (iii) $\dfrac{17}{40}$
Q.15	Express each of the following decimal as percent: i) 0.29 ii) 0.083 iii) 0.001 iv) 0.225
	LONG ANSWER QUESTIONS:
Q.16	A factory produces 2,500 toys in a month. 20% of them are defective. How many toys are not defective?
Q.17	An alloy contains zinc and copper in the ratio 7: 9. Find the weight of copper if it has 31.5 kg of zinc.
Q.18	A certain amount is divided into two parts in the ratio 4:5. If the first part is 120, find the total.
Q.19	Divide one-month profit of ₹10,000 between Michael and Robert in a ratio 1:4. Write the amount each one will get.
Q.20	In a park 150 people were doing their morning routine. 18 people were jogging, 24 people were doing yoga, 36 people were doing laughing therapy and rest of people were preferred to walk. Answer the following questions based on the given information: i) What percent of people were Jogging? ii) What percent of people were doing Yoga? iii) How many people preferred walk? iv) What percent of people doing laughing therapy?

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ANSWERS

Q.1	B. 400	Q.2	C. 37.5%	Q.3	A. 20%	Q.4	C. 20%
Q.5	A. $\frac{5}{4}$	Q.6	D. 72%	Q.7	C. 7.5%	Q.8	C. 120
Q.9	A. 500	Q.10	C. 8.8%	Q.11	32,000	Q.12	242.85%
Q.13	15.55%	Q.14	(i) 60% (ii) 31.25% (iii) 42.5%	Q.15	i) 29% ii) 8.3% iii) 0.1% iv) 22.5%	Q.16	2000
Q.17	40.5 kg	Q.18	270	Q.19	Michael = ₹2,000, Robert = ₹8,000	Q.20	i) 12% ii) 16% iii) 72 people iv) 24%