Multiple Choice Questions

Q.1.	Out of 40 students in class 26 are girls. Find the percentage of girls in the class.							
	A	55%	**B**	45%	**C**	26%	**D**	65%
Q.2.	Convert 4:1 into percentage.							
	A	80%:20%	**B**	75%:25%	**C**	60%:40%	**D**	20%:80%
Q.3.	Neelu got 320/400 on her report card. Hari scored 210/300 on his report card. Who scored more percentage of marks?							
	A	Neelu	**B**	Hari	**C**	Both are equal	**D**	Can't say
Q.4.	Find the whole quantity if 5% of it is 600L.							
	A	11,000L	**B**	12,000L	**C**	1,000L	**D**	15,000L
Q.5.	Out of 40 students, 8 are absent. What per cent of the students are absent?							
	A	30%	**B**	25%	**C**	20%	**D**	35%
Q.6.	Find out the numbers if 8% of the number is 560.							
	A	8,600	**B**	5,060	**C**	6,000	**D**	7,000
Q.7.	If P = ₹1200 at 12% per annum and T = 3, find interest.							
	A	Rs 430	**B**	Rs 432	**C**	Rs 288	**D**	Rs 576
Q.8.	The selling price of a storybook is ₹540. If the profit made by the shopkeeper is 20%, what is the cost price of this book?							
	A	₹550	**B**	₹400	**C**	₹450	**D**	₹520
Q.9.	If ₹500 has to be divided among Mishala, Manvita and Meera in the ratio 1:3:6. Then how much money will each get and what will be the percentages?							
	A	₹50, ₹150, ₹300	**B**	₹150, ₹50, ₹300	**C**	₹350, ₹250, ₹300	**D**	₹250, ₹50, ₹300
Q.10	Mithali buys a TV at ₹12,000 and sells it at a loss of 5%. How much money she gets?							
	A	₹10,000	**B**	₹12,600	**C**	₹11,400	**D**	₹12,500

	Source-Based Questions: Read the passage(s) given below and answer the questions that follow. Ashima and Kanak work in multinational companies and earn monthly salaries of ₹2,00,000 and ₹2,05,000, respectively.							
Q.11	By what per cent is Ashima's salary less than Kanak's salary?							
	A	1.5%	**B**	2.5%	**C**	2%	**D**	5%
Q.12	Ashima has saved ₹50,000 from her salary. What percentage of her salary did she save?							
	A	30%	**B**	40%	**C**	50%	**D**	25%
Q.13	Kanak sold an air conditioner for ₹42,000, earning a 5% profit. What was the cost price of the air conditioner?							
	A	₹45,000	**B**	₹42,000	**C**	₹40,000	**D**	₹52,000
Q.14	Ashima is looking to take out a loan of ₹50,00,000 at a 6% interest rate for a duration of 5 years to purchase a new flat. Calculate the interest that Ashima will pay in 1 year.							
	A	₹10,00,000	**B**	₹15,00,000	**C**	₹5,00,000	**D**	₹3,00,000
Q.15	Kanak invested ₹10,000 in a scheme and received ₹12,000 after 2 years. What was her annual interest rate?							
	A	12%	**B**	10%	**C**	20%	**D**	15%
	CASE STUDY: - Liquefied gas is a type of fuel used in cars and other vehicles. After petrol and diesel, liquefied gas is the third most popular fuel in the world. For the past two decades, it has been used as an alternative to petrol worldwide**. (CBQ)**							
Q.16	In the year 2019, worldwide consumption of liquefied gas was 25 million tonnes, whereas in India, its consumption was 0.5 million tonnes. What is the ratio of consumption of liquefied gas in India to worldwide?							
Q.17	The cost of per litre petrol in New Delhi on 11 August 2021 was ₹105.0, on the same day the cost of one litre of liquefied gas was 60% less than the cost of petrol in New Delhi. What was the cost of liquefied gas?							
Q.18	Parvez wants to use liquefied gas in his car. He needs to install a liquefied gas kit in his car which costs ₹50,000. He has availed a loan of ₹50,000 at a rate of 10% per annum using simple interest for 2 years. What is the total sum of money Parvez has to pay back?							
Q.19	One litre of liquefied gas weighs 510 g in which the mass of propane gas is 340 g. Express the weight of propane as in percentage.							
Q.20	The cost of petrol was ₹105 in the year 2021 increasing to ₹112 in the year 2023. Find the net increase per cent in the price of petrol.							

ANSWERS

1.	D	2.	A	3.	A	4.	B
5.	C	6.	D	7.	B	8.	C
9.	A	10.	C	11.	B	12.	D
13.	C	14.	D	15.	B	16.	1:50
17.	₹42	18.	₹60,000	19.	66.6%	20.	Approx. 5.7%