Multiple Choice questions

Q.1.	x exceeds 3 by 7, can be represented as							
	A	x + 3 = 2	B	x + 7 = 3	C	x − 3 = 7	D	x − 7 = 3

Q.2.	Write the equation 3m − 10 = 12 in statement.							
	A	Three times a number subtracted from 10 gives 12	B	Three subtracted from 10 times a number gives 12	C	Three times a number added to 10 gives 12	D	10 subtracted from three times a number gives 12

Q.3.	If 7x + 4 = 25, then x is equal to							
	A	3	B	$\frac{100}{7}$	C	2	D	$\frac{29}{7}$

Q.4.	The value of t for which the expressions (t − 13) and (2t - 1) become equal is							
	A	0	B	−12	C	12	D	-13

Q.5.	If k + 7 = 16, then the value of 8k − 72 is							
	A	1	B	0	C	112	D	56

Q.6.	9 added to thrice a number gives 60. Find the number							
	A	13	B	15	C	17	D	72

Q.7.	The value of p in the given equation $5(1 - 3p) = 0$ is							
	A	$\frac{-3}{5}$	B	$\frac{3}{5}$	C	$\frac{1}{3}$	D	$\frac{-1}{3}$

Q.8.	−1 is not a solution of the equation							
	A	x + 1 = 0	B	2p + 7 = 5	C	2y + 3 =1	D	x − 1 = 2

Q.9.	Four subtracted from six times a number is expressed as							
	A	6m + 4	B	6m − 4	C	4m + 6	D	4m − 6

Q.10.	Which of the following numbers satisfy the equation $-6-x=-12$?							
	A	6	B	2	C	-6	D	-2

FILL IN THE BLANKS

Q.11.	The interest received by Kiran is ₹ 70 more than that of Rayan. If the total interest received by them is ₹ 242, then the interest received by Rayan is _____.
Q.12.	The age of Kripa is four times that of his son Rinku. If Kripa is 56 years old, then the age of Rinku is _____.
Q.13.	Express as an equation: 13 added to twice a number gives 30 is _____.
Q.14.	The value of t in the equation $4-3(t-6)=17$ is_____.
Q.15.	If $\frac{5}{6}-y=\frac{1}{8}$, then y is _____ .

CASE STUDY: Subhash and Neethu donates some money in a Flood Relief fund. The amount paid by Subhash is ₹ 567 more than that of Neethu. If the total money donated by them is ₹ 1245. Then, answer the following questions:

Q.16.	What is the amount donated by Neethu considered as?							
	A	$x+567$	B	x	C	$x+567$	D	$567-x$
Q.17.	The amount donated by Subhash is expressed as							
	A	x	B	567	C	1245	D	$x+567$
Q.18.	If the total money donated by them is ₹ 1245, then the equation is given by							
	A	$x+567+x=1245$	B	$x+567=1245$	C	$x+1245=567$	D	$x=1245$
Q.19.	The amount donated by Neethu is							
	A	₹ 567	B	₹ 1245	C	₹ 339	D	₹ 906
Q.20.	The amount donated by Subhash is							
	A	₹ 806	B	₹ 906	C	₹ 1245	D	₹ 1006

ANSWERS

1.	C	2.	D	3.	A	4.	B
5.	B	6.	C	7.	C	8.	D
9.	B	10.	A	11.	₹ 86	12.	14 yrs.
13.	13 + 2x = 30	14.	$\dfrac{5}{3}$	15.	$\dfrac{17}{24}$	16.	B
7.	D	18.	A	19.	C	20.	B