NAME		ROLL NO.	
A			
9			NABET
	MATHEMATICS (SET_A)		
CLASS	7	Time Allotted: 40	Minutes
14 .01.2	1.2020 Max .Marks: 20		
General Instructions.			
 The question paper comprises of three sections A ,B, and C. You have to attempt all the sections. All the questions are compulsory. All the answers should be written in the answer sheet provided. 			
Q.NO1.	<u>SECTION A ('1' MARK EACH) – TOTAL – 04 MA</u>	RKS	Marks
(a)	An exterior angle of a triangle is 100 ⁰ and one of the two interior opposite angles is 30 ⁰ . Find the other angle.		s 1
(b)	One of the acute angles of a right triangle is 40°.Find the other acute angle.		1
(c)	The lengths of two sides of a triangle are 6cm and 8cm.Between what two measures should the length of the third side fall?		1
(d)	Find the measure of each angle of a triangle LMN, if all the 3 a	ngles are equal.	1
Q.NO2.	SECTION B – ('2' MARKS EACH) – TOTAL – 10 MARKS		Marks
(a)	Construct a triangle LMN in which $LM = 6cm$, $MN = 3cm$ and L	N = 5cm.	2
(b)	Verify if 5cm, 7cm, 9cm can be the lengths of the sides of a triangle. (Show the working)		2
(c)	Construct a triangle PQR , given that $PQ = 4cm$, $QR = 6.5cm$ as	nd <u>/PQR_</u> = 60º	2
(d)	In \triangle PQR, PR= PQ. Find the values of <u>/QRP</u> , <u>/PQR</u> , <u>/RPQ</u>		
	$\begin{array}{c} & & \\$		2
(e)	The three angles of a triangle are in the ratio 5 : 6 : 7. Find the	argest angle.	2
Q.NO.	<u>SECTION – C ('3' MARKS EACH) – TOTAL – 06 N</u>	IARKS	Marks
3.	The hypotenuse of a right triangle is 17cm long. If one of the remaining two sides is of length 8cm, find the length of the other side.		3
4.	Draw a line m parallel to the given line n at a distance of 4.8 cm	n away from it.	3

End of the question paper