KOLHAPUR INSTITUTE OF TECHNOLOGY'S
COLLEGE OF ENGINEERING (AUTONOMOUS),KOLHAPUR

SECOND YEAR B.Tech gfdsfdsfds
IN SEMESTER EXAMINATION
Mathematics2 (BSM2)

Day and Date :   PRN:

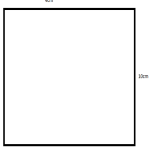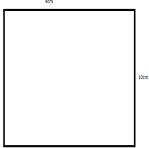Time :   Max Marks:30

Instructions:
   IMP: Verify that you have received question paper with correct course, code, branch, etc
   i) All Questions are Compulsory
   ii)Figure to right indicate full marks
   iii)Assume suitable data wherever necessary

QNo	Question	Marks	CO	BL
1	**Attempt 2 out of 3**	**15**		
1.A	Find the area of rectangle from the below figure **Figure 1.A**	5	CO1	5

1.B	Derive that iternal sum of angles in an triangle get a sum of 180 degrees	5	CO1	4
	Figure 1.B			
1.C	Evaluate $\int x^3 dx$	5	CO2	3

2	Attempt 2 out of 3	15		
2.A	Evaluate $\frac{x^{\frac{x}{5}}}{dx}$	5	CO1	1
2.B	Derive Area of triangle to 1/2 * length*breadth	5	CO2	6
2.C	Derive the volume of sphere to be 3.14*r*r*r. Where r= radius.	5	CO1	4