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

FIRST YEAR B.Tech
MID 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 1 out of 2**	**15**		
1.A	Evaluate $\int x^3 dx$	4	CO2	3
1.B	Evaluate $\frac{x\frac{x}{5}}{dx}$	4	CO1	1

QNo	Question	Marks	CO	BL
2	**Attempt 1 out of 2**	**15**		
2.A	Derive Area of triangle to 1/2 * length*breadth	4	CO2	6
2.B	Derive the volume of sphere to be 3.14*r*r*r. Where r= radius.	4	CO1	4