G.R. No.		PAPER CODE	

May 2022 (ENDSEM) EXAM
T.Y./ B. TECH. (SEMESTER - II)
COURSE NAME: Robotics Applications
COURSE CODE: ETUA32182B
Marking Scheme (PATTERN 2018)

Time: [1Hr]   [Max. Marks: 30]

Question No.	Sub Que.	Question Description
Q.1	[a]	Each characteristic with explanation of square grid discretization **1 Marks**.
	[b]	Explanation **4 Marks**, Supportive Diagram **2 Marks**.
		OR
	[b]	Explanation **4 Marks**, Supportive Diagram **2 Marks**.
Q2	[a]	Proper justification **3 Marks**, Supportive Diagram **1 Marks**.
	[b]	Explanation **4 Marks**, Supportive Diagram **2 Marks**.
		OR
	[b]	Each Comparison point between PID and Incremental PID **1 ½ Marks**
Q.3	[a]	Each Properties of Industrial Robot **1 Marks**.
	[b]	Explanation **4 Marks**, Supportive Diagram **2 Marks**.
		OR
	[b]	Each describe point for different Hazardous areas in of human machine Interface /Interaction **1 ½ Marks**.