Course: IT Application in OGI Semester: VIII
Program: B.Tech CSE OGI
Time: 03 hrs. Max. Marks: 100

Instructions: All Question are compulsory and attempt all question in the same order of question paper

SECTION A

S. No.		Marks	CO
Q 1	What do you understand by Hard and Soft real Time System	4	CO4
Q 2	What do you understand by "Think Abstractly"	4	CO4
Q 3	What do you understand by Active and Passive Remote sensing?	4	CO2
Q 4	What do understand by Assert? What are the different techniques to manage asserts	4	CO1
Q 5	Describe "Turning" test?	4	CO5

SECTION B

Q 6	Define Projection and how many different type of projection families are their?	10	CO3
Q 7	How many different type of artificial intelligence system are their?	10	CO5
Q 8	What are the various path followed by EM radiation while capturing a detail of an object A?	10	CO2
Q 9	Write a detail note on: POSC **Or** Energy Act 2015	10	CO1

SECTION-C

Q 10	a) Define the term GIS? What do you understand by raster and vector data format? Illustrate the advantages of both raster and vector model? b) What do you understand by release time, deadline and response time in any real time system?	12,8	CO3,CO4
Q 11	Write a short note on the following: a) UTM b) EEOR c) Digital Oil Field d) Smart Grid **Or** e) Classification of SCADA System	20	CO1,CO2,CO3,CO4,CO5

Name:

Enrolment No: