POLYTECHNIC, B.E/B.TECH, M.E/M.TECH, MBA, MCA & SCHOOL

POLYTECHNIC, B.E/B.TECH, M.E/M.TECH, MBA, MCA & SCHOOL

Notes

Available @

Syllabus

www.binils.com Question Papers

Results and Many more...

Reg. No.: Question Paper Code: 90715	
Question Paper Code 00717	100
Question Paper Cod. 00717	
B.E./B.Tech. DEGREE EXAMINATIONS, NOVEMBER/DECEMBER 2022.	
E:AL C	
Fifth Semester	
Civil Engineering	
GI 8014 — GEOGRAPHIC INFORMATION SYSTEM	
(Regulations 2017) Time : Three hours	
Maximum · 100 1	
Answer ALL questions.	
PART A — (10 × 2 = 20 marks) 1. Define Geographical Information System (GIS). 2. List the merits of open source software.	n
3. What are the main components of ER Diagram?	
4. List any four well known Relational Database Management Systems	
5. Define topology with respect to GIS.	
6. What is the necessity of map projections?	1
7. What is meant by metadata? Give one example.	
8. What is interoperability in GIS software?	
9. What are the basic components of map?	
10. List the common file formats for spatial data in GIS environment.	
PART B — $(5 \times 13 = 65 \text{ marks})$	
11. (a) (i) Explain the components of GIS with sketch	Sense
(ii) Describe the coordinate systems in GIS.	
Or (5)	
(b) (i) Describe the four scales/levels of measurements with example. (8)	
(ii) Describe the history of GIS. (8)	-
	i

POLYTECHNIC, B.E/B.TECH, M.E/M.TECH, MBA, MCA & SCHOOL

POLYTECHNIC, B.E/B.TECH, M.E/M.TECH, MBA, MCA & SCHOOL

Notes

Available @

Syllabus

www.binils.com

Question Papers

Results and Many more...

