

U.G. 6th Semester Examination - 2021

GEOGRAPHY

Course Code : BGEOCCHS602

Course Title : Geographical Information System

[PRACTICAL]

Full Marks : 20

Time : 1 Hour

The figures in the right-hand margin indicate marks.

1. Answer **all** the questions. $1 \times 10 = 10$

- a) Who is regarded as the Father of GIS?
- b) What is Geoinformatics?
- c) Name two GIS software.
- d) What is a thematic raster dataset?
- e) What do you mean by digitization?
- f) What are the three topological relationships between vector features in GIS?
- g) What is meant by snapping?
- h) Choose the correct answer :
The point data can be used to represent _____.
 - i) location
 - ii) area
 - iii) volume

i) Choose the correct answer :

Which is the most common data format used in GIS?

- i) JPEG
- ii) TIFF
- iii) PDF

j) Choose the correct answer :

Example of GIS data as a service is _____

- i) TNT mips
- ii) Arc GIS Online
- iii) Google Maps

2. Answer **all** the questions. $2 \times 5 = 10$

- a) What are the advantages of GIS?
- b) What are the components of GIS?
- c) What are the advantages of vector data?
- d) Mention five areas of GIS application.
- e) What are the uses of Web GIS?
