

**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. 1×10=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. 2×5=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?

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