

**Parvatibai Chowgule College of Arts and Science**  
**Autonomous**

B.A. Semester End Examination, January/ February 2022

Semester: III

Subject: Geography

Title: GEG E -4 Applications of Computer in Geography (Elective)

Duration: 2 Hours

Max. Marks: 45

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**Instructions:** 1. All questions are compulsory.  
2. Figures to the right indicate full marks.  
3. Illustrate your answers with suitable examples/diagrams.

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**Q.1.** Answer ANY THREE of the following: **(03x03=09)**

- A. Differentiate between frequency polygon and frequency curve.
- B. What is census? What type of data is available on census portal?
- C. What is Ogive? What are its functions?
- D. State the utility of Indian Rural Portal with respect to women empowerment.

**Q.2.** Answer ANY TWO of the following: **(02x06=12)**

- A. Explain the significance of graphical representation of geographical data
- B. What is Histogram? Write a note on types of histograms and their applications.
- C. What is resolution of raster data? Explain the types of resolutions.

**Q.3.** Answer ANY TWO of the following: **(02x06=12)**

- A) Explain any three e-sources of spatial data.
- B) What is GIS? How data is represented in raster and vector data model.
- C) What is a scatter Diagram? Explain the types of scatter diagrams.

**Q.4.** Answer ANY ONE of the following: **(01x12=12)**

- A. What is Thematic mapping? Write a detailed note on thematic maps based on the method of construction.
- B. Explain the components and any six applications of GPS.