Parvatibai Chowgule College of Arts and Science
Autonomous
B.A. Semester End Examination, February 2022

Semester: III
Subject: Geography
Title: GEG-III C 5: Cartography (Core)
Duration: 2 Hours
Max. Marks: 45

Instructions:
1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Illustrate your answers with suitable examples/diagrams.
4. Handwrite the answers. Scan and make pdf. Save the file using your correct roll number and submit.
5. **Answers should be submitted by 1 pm today**. If not getting submitted on Google classroom, then you may mail the answers to add001@chowgules.ac.in

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

   A. What is cartography? What is its relevance in modern times?

   B. Place 'X" is exactly in the North West direction from true north.
       Find its bearing from true north
       Draw and show the location of 'X"
       In which quadrant it is located.

   C. What is a standard meridian? What are its characteristics?

   D. What are conventional signs and symbols? Draw conventional signs and symbols for the following, Cart track, river embankment, settlement, Bench Mark 254.

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

   A. Consider the following toposheet index numbers and draw, name, assign degree interval, scale, and contour interval.
       50 P, 50/P/15,   50/P/15/SE
   B. A bus is driven at a uniform speed and reaches his destination in a span of 2 hour. The cycling directions are, 50 kms north, 30 kms west, 40 kms south and 10 kms east.
       Plot the course of the cyclist on a scale of 1 cm=10 km.
       Find the map and ground distance between start and end point.
       Calculate the total distance covered by the bus.
       Calculate the speed of the bus in Kms/hour.

   C. Explain the color scheme used in cartography.

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

   A. Explain the development of cartography in India.
   B. Write a note on origin, growth functions of NATMO.

C. Draw a base map explain the essentials of a map.

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

A. Write a note on the conical projections (common properties, uses and limitations)
B. Write a note on the four pillars of map projections