SYBABED Semester End Examination (Regular)

Course Title: Practicals in Cartographic Techniques

Subject: Geography Practical

Course Type: Elective

Semester: III **Duration:** 3 Hours **Max Marks:** 50

Instructions:

- All questions are compulsory having internal choice.
- Figures to the right indicate maximum marks allotted.
- Draw neat and clean diagram wherever applicable. Use of map stencil and calculators are allowed.
- **Q.1, Q.5** and **Q.6** is **compulsory**.
- Solve <u>any two</u> questions from **Q.2, Q.3 & Q.4**.

Q.1. Answer **any two** of the following.   (2 x5=10)

A. Focus on the characteristics and applications of cylindrical projection.

B. Write a short note on spot height and bench mark.

C. Express your views on importance of projections in Geography.

Q.2. Construct the Zenithal Stereographic map projection with following scale. Explain its properties along with its applications.   (1x10=10)

 i.   Map Scale: R.F. 1: 20,00,00,000

 ii.   Latitudinal Interval - 15°

 iii. Longitudinal Interval - 15°

Q.3. Construct a Simple Cylindrical projection with following scale. Explain its properties along with its applications.   (1x10=10)

 i.   Map Scale: R.F. 1: 20,00,00,000

 ii.   Latitudinal Interval - 15°

 iii. Longitudinal Interval - 30°   P.T.O.

Q.4. Construct a Simple Conical projection with one standard parallel for the Northern Hemisphere by using non-prospective method from the following scale. Explain its properties along with its applications. (1x10=10)

    i.   Map Scale: R.F. 1: 18,00,00,00,000

    ii.   Latitudinal Interval - 15°

    iii.   Longitudinal Interval - 30°

    iv.   Latitudinal Extent - 15°N to 75°N

    v.   Longitudinal Extent - 0° to 120° East and West Hemisphere

    vi.   Standard Parallel – 45°

Q.5. Draw, label and explain **any two** the following relief features. (2x5=10)

    a) Cliff

    b) 'V' Shaped Valley

    c) Mesa

    d) Plateau

Q.6 Journal and Viva (2x5=10)

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