

SYBABED Semester End Examination (Regular) November 2022

Practical in Cartographic Techniques - I**Subject:** Geography**Course Type:** Practical**Semester:** III**Duration:** 3 Hours**Max Marks:** 50

Instructions:

1. **Q.1, Q.5 and Q.6** is compulsory
2. Solve **any Two** from **Q.2 to Q.4**
3. Figures to the right indicate full marks.
4. Draw **map, sketch and diagrams** wherever necessary.

Q.1 Answer Any two of the following. (2 x 5=10)

- A. What is relief? Discuss the various methods of relief representation
- B. Define Projection and explain its need and significance in cartography
- C. With suitable diagrams explain the major types of projection.

Q.2 Draw a Zenithal Equal Area projection with following information along with its properties and applications. (1 x 10=10)

- A. Map Scale: R.F. = 1: 19,00,00,000
- B. Latitudinal interval = 15°
- C. Latitudinal Extent = 0° to 90° North & South.
- D. Longitudinal Interval = 30°
- E. Longitudinal extent = Whole World

Q.3 Draw a Cylindrical Equal Area Projection by using following details and explain the properties along with its applications. (1x 10=10)

- A. Map Projection: R.F. = 22,50,00,000
- B. Latitudinal Interval = 15°
- C. Latitudinal extent = 0° to 90° North latitude
- D. longitudinal Interval = 30°
- E. Longitudinal extent = Whole world

Q.4 Draw a Conical Projection with one Standard Parallel by using following information along with its properties and application.

(1x 10=10)

A. Map scale : R.F. = 1: 19,50,00,000

B. Latitudinal Interval = 15°

C. Latitudinal Extent = 15° to 75° North

D. Longitudinal Interval = 15°

E. Longitudinal Extent = 0° North to 105° East & West

F. Standard Parallel = 45° North Hemisphere

Q.5 Draw any two Profiles of following features

(2x 5=10)

A. Hill

B. Cliff

C. 'V' Shapped Valley

D. Plateau

Q.6 Journal and Viva

(5 + 5=10)

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