



11. Distinguish between Polar and Cartesian coordinate systems.
12. What are the properties of UTM projection?
13. What types of information are given at the margins of topographical sheets?

**Group - C**

Answer *any two* questions (each within **500** words).

10×2

14. Differentiate between —
    - (a) Forward and Backward Bearings
    - (b) Whole Circle and Quadrantal Bearings
    - (c) Azimuth and Magnetic BearingUse diagrams wherever necessary.
  15. Distinguish between Choropleth and Isopleth maps with explanatory diagrams.
  16. What is meant by a plane of projection? Classify projections on the bases of these planes giving two examples of each type.
  17. Distinguish between the reference scheme of old and open series of Survey of India topographical maps.
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