B.A. GEOGRAPHY PROJECTIONS

B.A PRACTICALS –IV SEMESTER

MAP PROJECTIONS PAPER -IV

QUESTION BANK

1. Explain the principle underlying the construction of Cylindrical Projections.
2. Explain the principle underlying the construction of Conical Projections.
3. Explain the principle underlying the construction of Conical Projections.
4. International Projection is a modified form of Polyconic Projection-Comment.
5. The equator cannot be shown on Gnomonic Projection- Comment.
6. Straight lines passing through the centre of a Zenithal Projection are great circles-Comment.
7. When does a projection become Orthomorphic?
8. Compare and contrast the properties and uses of Cylindrical Equal-Area Projection with those of Mercator's Projection.
9. Compare and contrast the properties and uses of Polyconic Projection with those of International Projection.
10. Describe the properties and uses of Zenithal Equal Area and Zenithal Equidistant Projections.
11. Compare and contrast the properties and suggest the suitable uses of Orthographic, and Steorographic polar Projections
12. Give the properties and uses of Bonne's Projection.
13. Give the properties and uses of Conical Projection with Two Standard Parallels.
14. Draw a graticule for a Cylindrical Equal Area Projection on the scale of 1:250,000,000 at 15^o interval.
15. Draw a simple Conical Projection with one standard parallel for an area bounded by 40^oN and 60^o N latitudes and 45^o NW and 65^oW longitudes on the scale of 1:200,000,000 at an interval of 5^o.
16. Draw the graticule of Bonne's Projection on the scale of 1:100,000,000 spacing parallels at an interval of 10^o and meridians at an interval of 15^o for an area extending from the equator to the North Pole and from 105^oW to 105^oE longitude.
17. With reference to the study of map projections, explain the following terms:
    a). Equdistant b)Homolographic c) True to Scale
18. Draw a Zenithal equal area projections for the North Hemosphere on the scale of 1:250,000,000 and interval 15^o.
19. Construct the graticules of Zenithal Equal Area and Zenithal; Equdistant Projections with your own data.
20. Write short notes : a) Mercator Projection b) Great Circle c) Loxodrome.