

BE (Full Time) Degree End Semester Examination April/ May 2011
Geoinformatics Branch,
III SEMNESTER
SUB: GI 9202 CARTOGRAPHY
(Regulation 2008)

25

TIME 3 HOURS

MAX MARKS 100

Answer all question

PART A (10 X 2= 20 marks)

1. Explain the need for Topographic map
2. Explain the legal values of Cadastral survey
3. Explain the Properties of an ideal projection
4. How DEM is graphically represented in the map
5. Explain with neat sketches Hill shading in map preparation
6. What are the Digital map properties
7. Explain the concept of Map compilation
8. Explain what do you mean by Colour separation
9. Explain some Printers for mapping
10. Explain WGS 72 and WGS 84

PART B (5 X 16 = 80)

11. (i) What do you mean by computer-assisted cartography. (5)
(ii) Explain Horizontal and vertical datum used in mapping topographic maps. (5)
(iii) Explain about Geoid Earth (6)
12. (a) (i) What are the various ways to draw the contours? (8)
(ii) How will you derive topographic information from studying the contour lines? (8)
(or)
(b) Explain the Ground Survey techniques to collect data for Cartographic map processing.
13. (a) Explain cartographic generalization and the symbols that are used in a topographic map.
(or)
(b) Explain the use of aerial photography and Remote Sensing data in preparing thematic and topographic map.
14. (a) Explain the use of GIS and GPS in updating maps
(or)
(b). Explain the conical projection and map projection that is used in India.
15. (a) Explain the plane tabling and control surveying in cadastral surveying.
(or)
(b) Explain the cartographic reproduction technique.