

MA/ M.Sc. GEOGRAPHY
SECOND SEMESTER
ADVANCED CARTOGRAPHY
MGE – 205 [DMn]
[USE OMR FOR OBJECTIVE PART]

**SET
B**

Duration: 1:30 hrs.

Full Marks: 35

(Objective)

Time: 15 mins.

Marks: 10

Choose the correct answer from the following:

1×10=10

1. An aerial photograph of a terrain having an average elevation of 1400m is taken at a scale of 1:7500. The focal length of camera is 15cm. The flight altitude above MSL is _____
 - a. 1225m
 - b. 2525m
 - c. 3025m
 - d. 3535m
2. The word 'Map' derived from Mappa of _____
 - a. Greek word
 - b. German word
 - c. Latin word
 - d. French word
3. The cadastral maps, topographical maps and the city plans come under the category of _____
 - a. Large scale maps
 - b. Small scale maps
 - c. Medium scale maps
 - d. All of the above
4. Among the following, which do not come under the components of GIS?
 - a. Hardware
 - b. Software
 - c. Compiler
 - d. Data
5. When different objects are shown by various colours, the map is known as ____
 - a. Choro-schematic
 - b. Chorochromatic
 - c. Chorographic
 - d. Choropleth
6. The system that uses the Sun as a source of electromagnetic energy and records the naturally radiated and reflected energy from the object is called _____
 - a. Geographical Information System
 - b. Global Positioning System
 - c. Passive Remote Sensing
 - d. Active Remote Sensing
7. Which of the following acts a benefit of GIS?
 - a. Maintaining geospatial data
 - b. Data sharing
 - c. Accurate data information
 - d. Presence of data retrieval service

8. The _____ may be defined as the representation of the earth's pattern as a whole or a part of it.
- a. Scales
 - b. Diagram
 - c. Map
 - d. Map projection
9. Remote sensing uses which of the following waves in its procedure?
- a. Electric field
 - b. Sonar waves
 - c. Gamma rays
 - d. Electro-magnetic waves
10. The term cadastral is derived from the _____ word cadastre meaning register of territorial property.
- a. Greeks
 - b. British
 - c. German
 - d. French

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(Descriptive)

Time: 1 hr. 15 mins.

Marks: 25

[Answer question no.1 & any two (2) from the rest]

1. Define nature and scope of cartography. 2+3=5
2. Define thematic map. Explain different types of thematic map? 3+7=10
3. What are the advantages and disadvantages of various remote sensing platforms. 5+5=10
4. Explain the elements of visual interpretation techniques 10
5. Explain how spatial data and attribute data integrated to make a GIS. 5+5=10

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