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189532

**1st Sem / DVOC
Subject : Geospatial Technology (4.GV.02)**

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note:Very short questions. Attempt all ten questions.
(10x1=10)

- Q.1 GIS captures and analyse _____ data:
a) Spatial b) Geographic
c) Both A & B d) None of above
- Q.2 Does remote sensing uses electromagnetic waves in its procedure:
a) True b) False
- Q.3 GIS represents X co-ordinate in _____ direction:
a) Horizontal b) Vertical
c) Tangential d) None of the above
- Q.4 _____ is used by EM waves:
a) Solar Field b) Micro Field
c) Electric Field d) Polarised Field

- Q.5 GIS represents Z co-ordinate in _____ direction:
a) Horizontal b) Vertical
c) Tangential d) None of the above
- Q.6 Which of the following waves can be used in remote sensing:
a) X rays b) UV Rays
c) Visible Rays d) All of the above
- Q.7 The program used in digitization technique is _____.
a) CADD b) CADH
c) Both A & B d) None of the above
- Q.8 GIS represents Y co-ordinate in _____ direction:
a) Horizontal b) Vertical
c) Tangential d) None of the above
- Q.9 UAV stands for:
a) Unmanned Areal Vehicle
b) Union Aero Vehicle
c) Unnamed Air Vehicle
d) None of the above
- Q.10 The reflective index of the ocean water increases with salinity:
a) True b) False

SECTION-B

Note: short answer type questions. Attempt any six questions out of eight questions. (6x5=30)

- Q.11 How attribute data linking is done?
- Q.12 What are the fundamentals of database concept?
- Q.13 What is spectral reflecting interpretation?
- Q.14 How GIS data is edited?
- Q.15 What are the various GIS database elements?
- Q.16 How data input is done in GIS system?
- Q.17 Explain benefits of remote sensing?
- Q.18 Define areal photo and its interpretation?

SECTION-C

Note: Long answer questions. Attempt any one questions out of two questions. (1x10=10)

- Q.19 Explain the term geospatial technology? Its role and impact on designing?
- Q.20 Explain the term geographic information system? Its role and impact on geospatial technology?