Level 4 / 1st. Sem. / DVOC

Graphics & Multimedia

Subject : Geospatial Technology

Time : 2 Hrs.   M.M. : 50

SECTION-A

Note: Very short answer type questions. All questions are compulsory   (10x1=10)

Q.1   GIS stands for:

a)   Geographic information System

b)   Geographic Internal System

c)   Global Information System

d)   None of all

Q.2   The basic requirement of any sensor system is spatial resolution:

a)   True   b)   False

Q.3   GIS represents unrelated information of location using _____.

a)   Key Index   b)   Key Index Variable

c)   Key   d)   None of above

SECTION-C

Note: Long answer type 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 remote sensing. Its impact on geospatial technology.

Q.4   GIS represents Y-co-ordinate in _____ direction.

a)   Horizontal   b)   Vertical

c)   Tangential   d)   None of the above

Q.5   What kind of waves can travels through empty space

a)   Water   b)   Sound

c)   Spring   d)   Electromagnetic

Q.6   Digital Data in GIS is represented using _____ data creation methods:

a)   Analog   b)   Digital

c)   Both a & b   d)   None of the above

Q.7   Remote sensing includes gathering of:

a)   Sound   b)   Images

c)   Changes   d)   Movements

Q.8   The process of capturing satellite image is called:

a)   Orthophoto   b)   Orthophotograph

c)   Orthoimage   d)   All of the above

Q.9   The program used in digitization technique is _____.

a)   CADD   b)   CADH

c)   Both a & b   d)   None of the above

Q.10 A reduction of nitrogen nutrients in plants:

a)   Effect Color

b)   Reduce Pigment Concentration

c)   Increase visible reflectivity

d)   All of the above

SECTION-B

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

Q.11 Explain visual interpretation of satellite data.

Q.12 What is the full form of RS? And its impact on geospatial technology?

Q.13 How GIS data is edited?

Q.14 What is the fundamentals of database concept?

Q.15 What is the advantages of RS?

Q.16 What is digital image processing?

Q.17 What is the advantages of GIS?

Q.18 How data input is done in GIS system?