2011E709   Candidate's Seat No :_____

M.Sc Sem-3 Examination
501
Geoinformatics
Time : 2-30 Hours]   **November-2024**   [Max. Marks : 70

Q-1: write the following   14

(A) what is WEBGIS? explain its functions.

(B) What is GML? Explain its Specific Schema.

Or

(A) What is OGC? Briefly explain its architecture.

(B) What is WFS? Briefly explain it.

Q-2: write the following   14

(A) Explain the difference between GET VS POST.

(B) Briefly explain OWS Architecture.

Or

(A) Briefly explain one application of WEBGIS

(B) Briefly explain WEBGIS origin and evaluation

Q-3: write the following   14

(A) Briefly explain Geoportal Architecture.

(B) what is HTML? Explain its advantage and disadvantage.

Or

(A) Explain the difference between HTML VS XML.

(B) What is XML? Explain its Advantage and Disadvantage.

Q-4: write the following   14

(A) what is Bhuvan geoportal Briefly explain it

(B) what is the use of Vedas geoportal? What data does provide Vedas portal Briefly explain it

Or

(A) what is geoportal explain it briefly

(B) what is the MOSDEC Web portal? explain it briefly

(P.T.O)

Q-5   Attempt any seven out of twelve   **14**

1)   Given a Geoportal Architecture select the bottom to the top sequence of Geoportal Architecture

i) Geoportal Application

ii) Gazetteer Service

iii) Geospatial Metadata Catalogue

iv) Geospatial Web Services

v) Spatial Database

A)   v, iv, iii, ii, i
B)   i, ii, iii, iv, v
C)   v, ii, iii, iv, i
D)   i, iv, iii, ii, v

2)   Which one domain data is true in the given data?

A)   Mil → mail group
B)   Org → profit organization
C)   Coop → cooperative business organization
D)   Gov → Government idea

3)   MIME Stand for

A)   Multipurpose Internet Mail Extensions
B)   Multipurpose International Mail Extensions
C)   Multimedia Internet Mail Extensions
D)   Multimedia International Mail Extensions

4)   Web portal services: allows a user to interact with multiple application services for different data types and purposes Given Answer true or false?

A)   True
B)   False

5)   WKT stand for.

A)   Well Know Text
B)   Well Knowledge Text
C)   Well Knowing Text
D)   Well Kind of Text

6)   WMS services do not support the following operations:

A)   Request metadata about the service (Get Capabilities)
B)   Request a map image whose geographic and dimensional parameters are well-defined (Get Map)
C)   Request information about features in the map (GetFeatureInfo)
D)   Request information about the future in the map (GetFeatureInfo)

7) URLs Stand for

A) Uniform Resource Locators
B) Uniform Raster Locators
C) Uniform Resource Locations
D) Uniform Raster Locations

8) What is name of the Indian Geo platform of ISRO.

A) BHUVAN
B) IKONOS
C) IRS
D) VEDAS

9) What is full form of MOSDEC.

A) Marin and ocean satellite data activation centre
B) Metrological and oceanographic satellite data archival centre
C) Marin and oceanographic satellite data archival centre
D) Metrological andoceansatellite data archival centre

10) What is full form of VEDAS

A) View of Earth Observation Data and Active System
B) Visualization of Earth Observation Date and active System
C) Visualization of Earth Observation Data and Archival System
D) Visualization of Earth Observation Data and Active System

11) Following which is not correct about GML

A) GML can read by public Tools
B) GML can Easily Edited
C) GML can Transport Behaviour
D) GML CAN read by personal Tools

12) Following which is not DNS Components

A) Name space
B) Resolvers
C) Name servers
D) Name client