

Set	Set A
Program	B.Sc (Information Technology)
class	TYBSc(IT)
semester	VI
Subject	Principles Of Geographic Information System
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1) Which data is comprised of lines or arcs

- A. Raster data
- B. Vector data
- C. Raw data
- D. Discrete data

2) How many types of Geographic Phenomena are there?

- A. one
- B. two
- C. three
- D. Four

3) Which system is designed to capture, store, manipulate, analyze, manage and present spatial or geographic data?

- A. Satellite
- B. WEB
- C. Database
- D. GIS

- 4) What is DEM?
- A. Discrete Elevation model
  - B. Data Elevation Model
  - C. Digital Elevation Model
  - D. Decision Enterprise Model
- 5) Which of the following is an example of Human Geographical phenomena?
- A. River Overflow
  - B. Volcano eruption
  - C. Plague deforestation
  - D. Construction of Roads
- 6) Which is used to represent area?
- A. Arc
  - B. Line
  - C. Point
  - D. Polygon
- 7) Which data is the change in characteristic of a place over time
- A. Discrete data
  - B. Raw data
  - C. Vector data
  - D. Temporal data
- 8) \_\_\_\_\_ is not considered in a data capturing process.
- A. Creating map
  - B. Using sensor
  - C. Manually collecting data
  - D. Buying data from some organization
- 9) Which of the following is not a reason for which DBMS is used with GIS?
- A. A DBMS supports the storage and manipulation of very large data sets
  - B. A DBMS can be instructed to guard over data correctness
  - C. DBMS can also use to represent graphics
  - D. A DBMS supports the concurrent use of the same data set by many users

10) Which one of the following is correct query?

- A. select \* where population>100000 from census
- B. from census select \* where population >100000
- C. population >100000 select \* from census
- D. select \* from census where population >100000

11) What is a 'tuple'?

- A. A row or record in a database table.
- B. Another name for the key linking different tables in a database.
- C. An attribute attached to a record.
- D. Another name for a table in an RDBMS.

12) Spatial databases are also known as

- A. Geodatabases
- B. Operational Databases
- C. Concurrent databases
- D. Distributed Databases

13) Spatial Data capturing involves \_\_\_\_\_.

- A. surveying, engineering, photogrammetry, remote sensing and digitization
- B. digitization, finding statistical values, creating maps
- C. rasterization, creating maps and presenting on output device
- D. surveying engineering and digitization

14) What is the full form of OGC?

- A. Open Geospatial Connection
- B. Open Geographic Control
- C. Open Geographic Consortium
- D. Open Geospatial Consortium

15) UMTS protocol (Universal Mobile Telecommunications System) allows digital communication of text, audio and video at a rate of approximately \_\_\_\_\_

- A. 8 Mbps
- B. 6 Mbps
- C. 2Mbps
- D. 4 Mbps

16) Which of the following statements is not true.

- A. A table or relation is itself a collection of 'tuples' (or records)
- B. Each table is a collection of tuples that are similarly shaped
- C. An 'attribute' is a named field of a tuple, with which each tuple associates a value, the tuple's 'attribute value'
- D. Table is also called as tuple.

17) An \_\_\_\_\_ is a surface that may be obtained from a sphere by deforming it by means of directional scalings, or more generally, of an affine transformation

- A. geoid
- B. ellipsoid
- C. spatial
- D. vector

18) What does the abbreviation GPS stand for?

- A. Global Point Selection
- B. Geographical Position System
- C. Global Positioning System.
- D. Geographical Point Software.

19) How many satellites are used in the US NAVSTAR GPS satellite constellation?

- A. 25
- B. 24
- C. 30
- D. 15

20) Local mean sea level is also called \_\_\_\_\_.

- A. Global Vertical datum
- B. Vocal Vertical datum
- C. Local vertical datum
- D. Local parallel vertical datum

21) A 2D position on the surface of the Earth is by means of co ordinates ( $\alpha$ ,  $d$ ) is known as 2D \_\_\_\_\_ system.

- A. 2D Cartesian coordinates
- B. 2D Polar coordinates
- C. 2D Geodetic coordinates
- D. 2D Geometric coordinates

22) What is the Full Form of UTM?

- A. Uniform Transerve Mercator
- B. Universal Transverse Mercator
- C. Universal Travel Mercator
- D. Uniform Travel Mercator

23) Measurements error are described in terms of \_\_\_\_\_.

- A. position
- B. accuracy
- C. space
- D. time

24) Which function evaluates the characteristics of an area surrounding feature's location?

- A. Neighbourhood
- B. Overlay
- C. Classification
- D. Retrieval

25) What does a map legend do?

- A. Explain the distance on a map.
- B. Explain the value of a map.
- C. Explain the symbols on a map.
- D. Explain the title of a map.