

SYBTM

Solution SET 2

Q.P (65291)

Q1. A. Choose correct alternatives. (Any 8)

8 Marks

- | | | | |
|------|-------|------|------|
| 1) a | 2) a | 3) c | 4) b |
| 5) b | 6) d | 7) c | 8) d |
| 9) a | 10) a | | |

Q1. B State whether the following statements are True or False (Any 7)

7 Marks

- | | | | |
|----------|----------|----------|---------|
| 1) TRUE | 2) TRUE | 3) TRUE | 4) TRUE |
| 5) FALSE | 6) TRUE | 7) FALSE | 8) TRUE |
| 9) FALSE | 10) TRUE | | |

Q2.A. VLOOKUP, HLOOKUP, INDEX, ADDRESS, MATCH, OFFSET, TRANSPOSE. Explain with syntax and example.

Q2.B. IF/ELSE, AND, OR, NOT, TRUE, NESTED IF/ELSE. Explain with syntax and example.

OR

Q2.A. DGET Syntax: DGET(database, field, criteria), DMAX Syntax: DMAX(database, field, criteria), DMIN Syntax: DMIN(database, field, criteria), DSUM Syntax: DSUM(database, field, criteria)

Q2.B) Explain with definition, Syntax, Example DATEVALUE, TODAY, WEEKDAY, DAYS360

Q3.A. Explain concept of Remote Sensing and its types

Active remote sensing and passive remote sensing.

Q3.B. Explain Concept of Earth observation satellite systems and name few satellites.

OR

Q3.A. Concept and its components:

Hardware, Software, Data, Procedures, People

Q3.B. Explain Concept of GIS,

Form of data: Vector data and Raster data.

Q4.A. Explain Concept of MIS and its types:

TPS, MIS, DSS, Expert Systems and Artificial Intelligence.

Q4. B. Define Database design for MIS and its objectives.

OR

Q4 A. Concept and its need Accuracy, Data access, Reliability, Scalable, Security etc.

Q.4.B. Concept and Role of IT asset management in an organization.

Q5 SHORT NOTE ON

- 1) Explain any three Information Functions with syntax and example.
- 2) Index Function :Define,Syntax,example.
- 3) Define GPS in Navigation and Explain navigation in Air,Land,etc.
- 4) Image enhancement technique: Contrast stretching , Filtering ,Image Transformation, Image Classification.
- 5) Explain Concept of Better Project Management