Department of Computer Science

Computer Science /Computer Applications

**Data Engineering and Management**

Time: Two Hours Maximum: 50 Marks

**Part – A (16 x 1=16)**

**Answer all questions**

1. \_\_\_\_\_\_\_\_\_ is defined as statistics **(CO1, K1)**

(a) Information (b) Messages

(c) **Data**  (d) None of the above

1. \_\_\_\_\_\_\_\_\_ type of refers the descriptive form of data

**(CO1, K1)**

1. **Qualitative** (b) Quantitative
2. Abstract (d) None of the above
3. \_\_\_\_\_\_\_ is derived from the processing of data

**(CO1, K1)**

1. **Information**  (b) Messages
2. Data (d) All the above
3. Appropriate decisions can be made when \_\_\_\_\_ is complete **(CO1, K2)**
4. Messages (b) **Information**
5. Decision (d) Data
6. How well data describe the real world conditions refers \_\_\_\_\_\_\_\_\_ **(CO1, K1)**
7. Relevance (b) **Accuracy**

(c) Validity (d) Consistency

1. \_\_\_\_\_\_\_\_ describes the recent data representation of an event **(CO1, K2)**
2. **Timeliness** (b) Relevance
3. Validity (d) Accuracy
4. ­­­­\_\_\_\_\_\_\_\_\_\_ increases the probability of skewed analytics results **(CO1, K1)**
5. In accurate data (b) Ambiguous data

(c) **Duplicate data** (d) Too much data

1. Data decay leads to the problem of \_\_\_\_\_\_\_\_ **(CO1, K2)**
2. Duplicate data (b) **In accurate data**
3. Ambiguous data (d) Too much data
4. Evaluate the data by \_\_\_\_\_\_\_\_\_ **(CO1, K1)**
5. **Data Catalog** (b) Meta data
6. Data downtime (d) None of the above
7. Meta data refers \_\_\_\_\_\_\_\_\_\_\_ **(CO1, K1)**
8. Data Catalog (b) **Data dictionary**
9. Data governance (d) None of the above
10. Effective data management of data requires \_\_\_\_\_\_\_\_\_\_

**(CO1, K2)**

1. Understanding of data (b) Problem relates data
2. **(a) and (b)** (d) None of the above
3. Good quality data is data that \_\_\_\_\_\_\_\_\_\_ **(CO1, K2)**
4. Accurate and Complete (b) Correct and up to date
5. Consistent (d) **All the above**

1. Misunderstanding of data is caused by \_\_\_\_\_ **(CO1, K2)**
2. Lack of Cohesive (b) Wide data definition
3. **(a) and (b)** (d) None of the above
4. Clear and Unambiguous data definition must be \_\_\_\_\_\_\_\_\_\_ **(CO1, K2)**
5. Common (b) Agreed by all
6. Accepted by all (d) **All the above**
7. The \_\_\_\_\_\_ data management benefits includes reduce time to develop new applications **(CO1, K2)**
8. Business oriented (b) **System oriented**
9. (a) and (b) (d) None of the above
10. Raw form of knowledge refers \_\_\_\_\_\_\_\_\_ **(CO1, K2)**
11. Data (b) Statistics
12. Facts (d) **All the above**

**Part – B (2\*5=10)**

**Answer any two questions out of three questions**

17. Information is a key business resource. Analyze with reasons  **(CO2, K4)**

1. Compare qualitative and quantitative data with example

**(CO2, K5)**

1. Analyze the common problems in data with example.

**(CO2, K4)**

**Part – C (3\*8=24)**

**Answer all questions**

20. (a).Elaborate the factors that determine the quality of

data in detail

**(CO3, K3)**

(OR)

(b). Describe the importance of quality data in detail.

**(CO3, K2)**

21. (a).Explain the relationship between information and

data in detail. **(CO3, K4)**

(OR)

1. Illustrate the enterprise wide view of data in detail **(CO3, K3)**

22. (a). Managing a data is a business issue. Explain with

your opinion with example **(CO3, K2)**

(OR)

(b). Explain the pitfall of file system in detail

**(CO3, K4)**