

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. Data placed in Context is called _____ **(CO1, K1)**
(a) **Information** (b) Messages
(c) Data (d) None of the above
2. _____ type refers the descriptive form of data **(CO1, K1)**
(a) **Qualitative** (b) Quantitative
(c) Abstract (d) None of the above
3. _____ is derived from the processing of data **(CO1, K1)**
(a) **Information** (b) Messages
(c) Data (d) All the above
4. Appropriate decisions can be made when _____ is complete **(CO1, K2)**
(a) Messages (b) **Information**
(c) Decision (d) Data
5. How well data describe the real world conditions refers _____ **(CO1, K1)**
(a) Relevance (b) **Accuracy**
(c) Validity (d) Consistency
6. _____ describes the recent data representation of an event **(CO1, K2)**
(a) **Timeliness** (b) Relevance
(c) Validity (d) Accuracy
7. _____ increases the probability of skewed analytics results **(CO1, K1)**
(a) In accurate data (b) Ambiguous data
(c) **Duplicate data** (d) Too much data
8. Data decay leads to the problem of _____ **(CO1, K2)**
(a) Duplicate data (b) **In accurate data**
(c) Ambiguous data (d) Too much data
9. Evaluate the data by _____ **(CO1, K1)**
(a) **Data Catalog** (b) Meta data
(c) Data downtime (d) None of the above
10. Meta data refers _____ **(CO1, K1)**
(a) Data Catalog (b) **Data dictionary**
(c) Data governance (d) None of the above
11. Effective data management of data requires _____ **(CO1, K2)**
(a) Understanding of data (b) Problem relates data
(c) **(a) and (b)** (d) None of the above
12. Good quality data is data that _____ **(CO1, K2)**
(a) Accurate and Complete (b) Correct and up to date
(c) Consistent (d) **All the above**

13. Misunderstanding of data is caused by ____ **(CO1, K2)**
 (a) Lack of Cohesive (b) Wide data definition
 (c) **(a) and (b)** (d) None of the above
14. Clear and Unambiguous data definition must be _____ **(CO1, K2)**
 (a) Common (b) Agreed by all
 (c) Accepted by all (d) **All the above**
15. The ____ data management benefits includes reduce time to develop new applications **(CO1, K2)**
 (a) Business oriented (b) **System oriented**
 (c) (a) and (b) (d) None of the above
16. Raw form of knowledge refers _____ **(CO1, K2)**
 (a) Data (b) Statistics
 (c) 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)**
18. Compare qualitative and quantitative data with example **(CO2, K5)**
19. Analyze the common problems in data with example. **(CO2, K4)**

20. Illustrate the causes of poor data quality with reasons **(CO2, K4)**

Part – C (3*8=24)

Answer all questions

21. (a).Elaborate the factors that determine the quality of data in detail **(CO3, K3)**
 (OR)
 (b). Describe the responsibilities of data management in detail. **(CO3, K2)**
22. (a).Explain the physical data base design in detail. **(CO3, K4)**
 (OR)
 (b) Illustrate the approaches of corporate data model development in detail **(CO3, K3)**
23. (a). Managing a data is a business issue. Explain with your opinion with example **(CO3, K2)**
 (OR)
 (b). How to improve the data quality? Explain in detail **(CO3, K4)**