

Roll No.

BCA–604(N)

B. C. A. (Sixth Semester) EXAMINATION, Sept., 2020

(New Course)

Paper Fourth

KNOWLEDGE MANAGEMENT

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt questions from all Sections as directed.

Inst. : The candidates are required to answer only in serial order. If there are many parts of a question, answer them in continuation.

Section—A

(Short Answer Type Questions)

Note : All questions are compulsory. Each question carries 3 marks.

1. (A) What is group decision support system ?
- (B) What are Chat Systems ?
- (C) List the characteristics of a data warehouse.
- (D) Differentiate between Operational System and Informational System.
- (E) What are the limitations of Expert Systems ?
- (F) What techniques are used in Data Mining ?

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- (G) What is concept description ?
- (H) Discuss the component of knowledge management.
- (I) Differentiate between Tacit and Explicit Knowledge.

Section—B**(Long Answer Type Questions)**

Note : Attempt any *two* questions. Each question carries 12 marks.

- 2. What is Asynchronous Groupware ? Give some example of the same. Also elaborate some applications of groupware technologies.
- 3. Define the steps in constructing decision support system. Explain the role of decision support system in business.
- 4. What is Data Warehouse Architecture ? List the type of data warehouse architectures.
- 5. (a) Explain OLTP and OLAP in detail.
(b) What are the various tools of Data Warehouse ? Describe.

Section—C**(Long Answer Type Questions)**

Note : Attempt any *two* questions. Each question carries 12 marks.

- 6. Compare clustering and classification. What are the requirements of cluster analysis ?

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7. What are classification rules ? How is regression related to classification ?
8. What is Organizational Knowledge ? Explain the types of knowledge available in an organization.
9. What are various steps of knowledge discovery ? Discuss the role of data mining in knowledge discovery.