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MMPO–004

**MASTER OF BUSINESS
ADMINISTRATION (MBA)**

Term-End Examination

December, 2024

**MMPO–004 : MANAGEMENT INFORMATION
SYSTEMS**

Time : 3 Hours

Maximum Marks : 100

(Weightage : 70%)

Note : (i) Attempt any **five** questions.

(ii) All questions carry equal marks.

1. What is data warehousing ? Explain the various popular data model schemas. What is data mining and data analytics ?

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2. Elaborate the different dimensions of information system. What are the different operating elements of information system ? Explain them in brief.
3. Discuss different methodologies of System Development Life Cycle (SDLC). Briefly explain the benefits and limitations of SDLC.
4. Discuss the key advancement took place in cloud technology. What is Federation in clouding ? Discuss the different levels of federation in clouding.
5. Discuss the popular machine learning algorithm that are commonly used for big data analytics. What is Hadoop Framework ? Briefly explain its components.

6. What are the key challenges of IoT Implementation and Future Directions ? Explain. How do Artificial Intelligence, Machine Learning and Deep Learning relate ? Explain.
7. Write short note on any ***four*** of the following :
- (i) Spark Framework
 - (ii) Big Data
 - (iii) Supply Chain Management (SCM)
 - (iv) Decision Support System (DSS)
 - (v) Open Stack

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