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S.E. (Artificial Intelligence and Data Science)
MANAGEMENT INFORMATION SYSTEMS
(2019 Course) (Semester - IV) (217530)

Time : 2½ Hours] *[Max. Marks : 70*

Instructions to the candidates :

   1)   *Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8.*

   2)   *Neat diagrams must be drawn wherever necessary.*

   3)   *Figures to the right indicate full marks.*

   4)   *Assume suitable data, if necessary.*

Q1) a) Discuss Hardware and Software platform trends in IT infrastructure. **[8]**

    b) Explain system vulnerability, business value of security and control. **[9]**

OR

Q2) a) What is Business Intelligence? Explain its foundations database and Information management. **[9]**

    b) What is IT infrastructure? Explain in brief its components. **[8]**

Q3) a) How to enhance decision making with information systems give suitable examples. **[9]**

    b) Discuss the growth of international information systems and organizing international information systems. **[8]**

OR

Q4) a) Explain E-commerce with Digital Markets and Digital Goods. **[8]**

    b) Discuss managing global system with technology issues and opportunities for global value chain. **[9]**

Q5) a) Elaborate functional business system in detail with cross functional enterprise systems. **[9]**

    b) Describe e-commerce with its applications and issues. **[9]**

OR

P.T.O.

Q6) a) How to manage Supply chain with business network? **[9]**

b) Write short note on i) Fuzzy Logic ii) Virtual Reality, iii) Business and AI.
[9]

Q7) a) Explain decision support trends in businesses. How data mining and knowledge management is used in Decision Support Systems. **[9]**

b) Explain the role of MIS in data science, explore an open sources tool to perform detective analysis. **[9]**

OR

Q8) a) Write short note on i) Intelligent Agents ii) Genetic Algorithms, iii) Neural Network. **[9]**

b) Explain the value of expert systems with its benefits and limitations. **[9]**

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