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Code No. : 31015

VASAVI COLLEGE OF ENGINEERING (*Autonomous*), HYDERABAD
M.C.A. (CBCS) I-Semester Main Examinations, January-2018

Management Information Systems

Time: 3 hours

Max. Marks: 60

Note: Answer ALL questions in Part-A and any FIVE from Part-B

Part-A (10 × 2 = 20 Marks)

1. What is Information System and explain the components of Information System.
2. Identify the functions of management.
3. Tabulate the features of strategic, tactical and operational systems.
4. Define competitive forces.
5. What is corporate planning? Explain.
6. Explain about end-user development.
7. Differentiate DSS and GDSS.
8. What is knowledge management in the organization? Explain.
9. What are the key technology trends that raise ethical issues with suitable examples?
10. Define Industrial espionage. How can it be avoided?

Part-B (5 × 8 = 40 Marks)

11. a) Discuss various competitive forces. [5]
b) What are the advantages and disadvantages of information systems? [3]
12. a) Explain about production information system. [6]
b) What are the strategic opportunities of value chain analysis? [2]
13. a) Elaborate the phases of SDLC. [4]
b) Analyze advantages and disadvantages of prototyping. [4]
14. a) Define GDSS and explain the types of it with an example [6]
b) What are the key phases of decision making? Explain. [2]
15. a) Explain about information system security and control. [6]
b) List types of threats to information security. [2]
16. a) How are information systems transforming business and what is their relationship to globalization? Why are information systems so essential for running and managing a business today? [6]
b) Give the application of operational information system to business. [2]
17. Answer any *two* of the following:
a) Describe the capabilities of alternative application developments. [4]
b) What is a decision support system? How it is different from management information system and knowledge management system? [4]
c) Describe briefly about E-commerce. [4]