(DMCA101)

Total No. of Questions :18]   [Total No. of Pages : 02

M.C.A.DEGREE EXAMINATION, MAY– 2018
First Year
INFORMATION TECHNOLOGY

Time :3 Hours   Maximum Marks :70

SECTION - A
Answer any threeof the following questions.   **(3 x 15 = 45)**

Q1) Write about capabilities expected of information systems in modern organizations.

Q2) Discuss various primary and secondary storage devices.

Q3) Explain how a database approach overcomes the problems associated with the traditional file environment and also describe different data models.

Q4) Discuss different categories of programming languages and their characteristics.

Q5) Explain about evaluation of internet and describe various services of internet.

SECTION - B
Answer any five of the following questions.   **(5 x 4 = 20)**

Q6) Describe the components of computer-based information systems.

Q7) Write about Porter's five forces Model.

Q8) Describe about different system software's.

Q9) Write about star and ring network topologies.

Q10) Write about different types of data transmission.

Q11) Briefly explain about client/server computing and peer-to-peer computing.

Q12) Differentiate internet and intranet.

Q13) Write about services of operating system.

SECTION - C
Answer all of the following questions. **(5 x 1 = 5)**

Q14) What is meant by business pressure?

Q15) Define software package.

Q16) Define network protocol.

Q17) Define flash memory.

Q18) What is web browser?

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