Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02

Total No. of Questions : 18

MCA (2015 to 2018)   (Sem.–1)
INFORMATION MANAGEMENT
Subject Code : MCA-101
M.Code : 72707

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :
1. SECTIONS-A, B, C & D contains TWO questions each carrying TEN marks and students have to attempt any ONE question from each SECTION.
2. SECTION-E is COMPULSORY consisting of TEN questions carrying TWENTY marks in all.

SECTION-A

Q1. What are various types of data file formats? Explain with the help of suitable examples.

(10)

Q2. a) Explain the working principle of flash drives. How data is read from and written into a flash drive?   (06)

b) What are different types of software? How are they useful?   (04)

SECTION-B

Q3. What is the difference between information and knowledge? Explain various techniques to derive information.   (10)

Q4. What are various data models? Discuss with the help of suitable example(s).   (10)

SECTION-C

Q5. What is meant by decision making? How is it used in Management Information System (MIS)?   (10)

Q6. How a Knowledge Management System is designed? Explain various components of a Knowledge Management System.   (10)

SECTION-D

Q7. Explain the Architecture of Content Management system with the help of a block diagram.
(10)

Q8. How to create a Pivot Table in spreadsheet? Explain with the help of suitable example(s).
(10)

SECTION-E

Answer in brief :   **(2×10=10)**

Q9. Optical disk

Q10. 3rd Generation *vs.* 4th Generation computers

Q11. Broadband

Q12. Telecommunication infrastructure

Q13. Business process

Q14. Operations security

Q15. Mail merge in Word processing

Q16. Use of macros in spreadsheet

Q17. Animation in presentation

Q18. Business intelligence

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.