Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02
Total No. of Questions : 09

MCA (2013 and 2014 Batch)   (Sem.–1)
INFORMATION MANAGEMENT
Subject Code : MCA-101
Paper ID : [B0128]

Time : 3 Hrs.   Max. Marks : 100

INSTRUCTION TO CANDIDATES :
1. **SECTIONS-A, B, C & D contains TWO questions each carrying TWENTY marks each and students has to attempt any ONE question from each SECTION.**
2. **SECTION-E is COMPULSORY consisting of TEN questions carrying TWENTY marks in all.**
3. **Use of non-programmable scientific calculator is allowed.**

SECTION-A

1. What do you understand by Information Technology? Discuss the applications of information technology in various sectors with suitable examples.

2. What are Input and Output devices? Why do we need a variety of input and output devices? Discuss the various input and output devices used with modern computers.

SECTION-B

3. Elaborate in detail the state of IT infrastructure in India.

4. What is data collection and data management? Explain in detail the various methods of data collection giving merits and limitations of each.

SECTION-C

5. Elaborate in detail the various techniques to derive information.

6. Define MIS. What is the role of MIS in decision making? Explain the development process of MIS in brief.

SECTION-D

7. What is information security? What is its importance? Discuss various methods of information security.

8. What is a Content Management System? Discuss its architecture in detail.

SECTION-E

9. **Answer the following in brief:**

a) What is a computer generation?

b) What are the different data file formats?

c) Define Broadband.

d) What is a Data Model?

e) Differentiate between Information and Knowledge.

f) What is strategic management of information?

g) Define Business Process Reengineering.

h) Define Business Intelligence.

i) What is office automation?

j) What is a Spreadsheet? What is its use in office automation?