



PG – 1012

I Semester M.Com. Examination, January 2015
(NS) (2007-2008 Scheme)
COMMERCE
Paper – 1.5 : Information Systems and Computers

Time : 3 Hours

Max. Marks : 80

SECTION – A

1. Answer **any ten** of the following sub questions in about **3-4** lines **each**. Each sub question carries **2** marks. (2×10=20)
- a) What is Marketing information system ?
 - b) What is data dictionary ?
 - c) What is intranet ?
 - d) What is resource discovery ?
 - e) What is operating system ?
 - f) What is HTML ?
 - g) What is equi-join ?
 - h) What are database views ?
 - i) What is hierarchial database ?
 - j) What is fund flow ?
 - k) What are networks ?
 - l) What is office Automation system ?

SECTION – B

- Answer **any three** of the following in about a page **each**. **Each** question carries **5** marks. (3×5=15)
2. "System development life cycle consists of various steps starting from feasibility study to testing and operations". Explain .

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3. How is file management done by operating system ?
4. What are network operating system ?
5. “Entity integrity ensures that every row in a table is unique”. Explain.
6. What are data types used in DB software ?

SECTION – C

Answer **any three** of the following in about **3** pages **each**. **Each** question carries **15** marks. **(3×15=45)**

7. Compare and contrast MIS and DSS.
8. “Distributed system architecture is different from Hybrid architecture”. Explain.
9. What are the steps in preparing fund flow statement using Tally ?
10. “Join conditions are two types viz. equi-join and non equi-join” Explain.
11. A Library needs to store books of 5 different courses. They are English, Kannada , Commerce Management and Science. The science books are further classified into Physics, Chemistry, Botany, Zoology and Bio-Chemistry. Any student can access the library and can borrow 3 books of his choice. Any time books borrowed by each student, due date notification, penalty for not returning on or before due date have to be found.

Design suitable data base management system for the above.
