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MBA-(IT)-1
2nd Year Examination, Calendar Batch 2016
System Analysis & Design

Time : 3 Hours]

[Max. Marks : 100

*Note. Attempt any **five** questions. All questions carry equal marks.*

- Q.1: Explain “JAD” in detail?
- Q.2: What type of relationship exists in relational data – explicit or implicit? How is the relationship between entities represented? Explain with an example.
- Q.3: What is an interface? What are the basic objectives of an interface design? How is an interface different from a dialogue?
- Q.4: What is data flow diagram? What characteristics and functions of data in information systems are modelled by DFD? Why do systems analyses use DFDs?
- Q.5: What is normalization? What types of functional dependencies may exist in relations? What types of problems you may encounter if the dependencies are not removed? Describe with an illustration?
- Q.6: What are the inputs to design phase of forms and reports? What are its deliverables? Explain in brief
- Q.7: Explain the waterfall model of SDLC?
- Q.8: What is BPR? How system requirements are determined is BPR? Explain.