
BCA SEM – III Examination

PAPER -304 System analysis and Design

Total Marks : 70

Nov-2016 Code-2360

Time: 2:30 hrs

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| Q-1 A | What is System? Explain Elements of System. | 7 |
| Q-1 B | Explain Characteristics of System. | 7 |
| OR | | |
| Q-1 A | Explain Role of System Analysis. | 7 |
| Q-1 B | Explain Role of Business Information System in Organization. | 7 |
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| Q-2 A | What is SDLC? Explain Requirement Analysis in detail. | 7 |
| Q-2 B | Explain System Development in detail. | 7 |
| OR | | |
| Q-2 A | Explain System Testing in detail. | 7 |
| Q-2 B | Explain System Implementation and Evaluation in detail. | 7 |
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| Q-3 A | What is SSADM? Write needs of SSADM. Explain System Survey. | 7 |
| Q-3 B | Explain advantages of SSADM. | 7 |
| OR | | |
| Q-3 A | Explain Structure Analysis in detail. | 7 |
| Q-3 B | Explain Structure Design in detail. | 7 |
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| Q-4 A | What is Output Design? Write Design Principles of Output. | 7 |
| Q-4 B | What is Fact Gathering Techniques? Explain Questionnaires and Observation in detail. | 7 |
| OR | | |
| Q-4 A | Explain Data Verification and Validation in detail. | 7 |
| Q-4 B | Explain Interview and Record Inspection in detail. | 7 |
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| Q-5 A | What is DFD? Explain Logical DFD and Physical DFD. | 7 |
| Q-5 B | Explain Data Dictionary and Decision Tree in detail. | 7 |
| OR | | |
| Q-5 A | Explain Decision Table in detail. | 7 |
| Q-5 B | What is HIPO Chart? Explain HIPO Chart and Structure English in detail. | 7 |