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Paper Code :DCS-205

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**ADCA-7, BCA-13**  
**2<sup>nd</sup> 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: What are the CASE tools? How can CASE tools be used to support request determination?

Q.2: What are the different types of maintenance? What are the changes made to the system in each type of maintenance?

Q.3: What are Decomposition & Balancing? How can you determine the DFD's are not balanced?

Q.4: What is the purpose of process modeling? What are the inputs to end deliverables from process modeling in structured analysis?

Q.5: What is System analysis? What is the main purpose of system analysis? What are the activities of system analysis?

Q.6: What are the prototyping? What are its advantages? How can a prototype be developed?

Q.7: What do you mean by the SDLC? Explain the six phase of the System Life Cycle (SDLC

Q.8: What do mean by the DFD? What are the different types of DFD's used in System development process?