Total Questions : 07

Roll No_____

MAY 2014
BCA (Sem. – 3rd)
System Analysis & Design
Subject Code : BSBC301

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Time : 3 Hours   Maximum Marks : 60

Instructions to Candidates:
1) Section – A is compulsory.
2) Attempt any four questions from Sections - B

Section – A

Q1.   (10x2=20)

1) Name the six phases of system analysis and design.
2) What is the purpose of the analysis phase of system development process?
3) What are the two different ways of acquiring software?
4) Briefly describe the four approaches to conversion.
5) What is prototyping?
6) What are the types of system testing?
7) Is information problems or needs are discussed during the systems design phase of the SDLC? Give Reason.
8) Which Maintenance is a(n) process?
9) Software packages evaluate hardware and software alternatives according to requirements given by the systems analyst.
10) Explain some of the limitations of testing.

Section – B

(4x10=40)

Q2) Define system and its types. Explain the Phases of SDLC.

Q3) Define system design process and stages in detail. Explain it with example.

Q4) Define the case study of techniques in system design. Explain it with the help of any example

Q5) What is system testing? Explain its type.

Q6) Differentiate the following:
   a) Alpha & Beta Testing
   b) Acceptance and regression testing

Q7) Discuss system maintenance and post implementation maintenance and differentiate it.

————End————