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(20524)
BCA-VI Sem.

(Printed Pages 4)

Roll No.

18027
B.C.A. Examination, May-2024
Information System Analysis Design
and Implementation
(BCA-602)

Time : 3 Hours]

[Maximum Marks : 75

Note : Attempt questions from **all** the
Sections as per instructions.

Section-A

(Very Short Answer Questions)

Note : Attempt **all** questions. Each question
carries 3 marks. Very short answer is
required not exceeding 75 words.

5×3=15

1. What is MIS?

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2. What are pit falls In MIS development?
3. Why cost estimation is important for project planning?
4. What are case tools is system analysis and design?
5. Explain the term polymorphism in an object oriented system?

Section-B

(Short Answer Type Questions)

Note : Attempt any **two** questions out of
the following three questions. Each
question carries 7½ marks. Short
answer is required not exceeding 200
words.

7½×2=15

6. Distinguish between functional oriented and object oriented design?
7. What are the Important aspect of quaity software?

18027/2

8. What is prototyping? Briefly explain the benefits and prototyping in system development.

Section-C

(Long Answer Type Questions)

Note : Attempt any **three** questions out of the following five questions. Each question carries 15 marks. Answer is required in detail. $15 \times 3 = 45$

9. What are the different steps in SDLC? What are the end product at each steps?
10. Develop an E-R diagram that described data objects, relationship and attributes for an Inventory management system.
11. (a) Distinguish between data flow model and control flow model with suitable example.

- (b) Differentiate between logical design and physical design with suitable example.

12. What is CMM? Define the five levels of Process Maturity with example.
13. Write short notes on (any three)
- (a) Software Testing
- (b) Feasibility
- (c) Cohesion & coupling
- (d) ISO
- (e) DFD

18027/3

P.T.O.

18027/4