

A (Printed Pages 4)
(20620) Roll No.....
BCA-VI Sem.

18027 (CV)

**B.C.A. Vith Semester Examination,
June-2020**

INFORMATION SYSTEM ANALYSIS

DESIGN AND IMPLEMENTATION

(BCA-602)

(NEW)

Time : Two Hours | Maximum Marks : 75

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

Section - A

(Very Short Answer Type Questions)

Note: Attempt **any four** questions.
Each question carries 3.75 marks.
Very Short Answer is required not exceeding 75 words. $3.75 \times 4 = 15$

P.T.O.

1. Define the characteristics of a system.
2. Explain 'Analysis' and 'Design' phases of SDLC.
3. Explain the concept of RAD model.
4. Mention various steps in drawing DFD.
5. What do you mean by Feasibility study?

Section - B

(Short Answer Type Questions)

Note : Attempt any **one** question out of the following **three** questions. Each question carries 15 marks. Short answer is required not exceeding 200 words. $1 \times 15 = 15$

6. What are the various techniques used in SSADM?
7. What is Prototyping? Why do we need such a technique.
8. Explain various steps used in object oriented analysis.

18027(CV)/2

Section - C

(Long Answer Type Questions)

Note : Attempt any **Two** questions out of the following **Five** questions. Each question carries 22.5 marks. Answer is required in detail. $2 \times 22.5 = 45$

9. What are CASE tools? How does CASE support in software life cycle.
10. Explain the different categories of maintenance in the SDLC.
11. What is Risk analysis? What are the various risk that can result in project failure? <https://www.ccsustudy.com>
12. (a) What do you mean by Joint Application Design (JAD)?
- (b) What are the various advantages and disadvantages of waterfall model?

18027(CV)/3

P.T.O.

13. Write short notes on :

- (i) Process Design
- (ii) Decision Tree
- (iii) Line of code
- (iv) Polymorphism
- (v) Attribute

<https://www.ccsustudy.com>

Whatsapp @ 9300930012

Send your old paper & get 10/-

अपने पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से

/4