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(20721)
BCA-VI Sem.

(Printed Pages 4)

Roll No

18027(CV-II)

B.C.A. Examination, June-2021

INFORMATION SYSTEM ANALYSIS

DESIGN AND IMPLEMENTATION

(BCA-602)

Time : 1½ Hours | Maximum Marks : 75

Note : Attempt all sections as per instructions.

Section - A

(Very Short Answer Type Questions)

Note : Attempt any two questions. Each question carries 7.5 marks. Very short answer is required not exceeding 75 words. $2 \times 7.5 = 15$

1. What is system analysis and design?
2. What is decision tree?

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3. Explain the benefits of CASE tools.
4. Differentiate between CMM and ISO.
5. What do you mean by DFD?

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 do you mean by Feasibility study? Explain.
7. What do you mean by Information Engineering? Explain.
8. Explain the process of software project management.

18027(CV-II)/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. Explain the concept of waterfall model with the help of suitable diagram.
10. What is Prototyping? Why do we need such a technique?
11. Draw a diagram of the architecture of a CASE environment and explain how different tools are integrated.
12. What are the various steps in object oriented design? Explain.

13. What is structured system analysis and design? Explain the process of SSAD.