

Roll No. _____

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CAIVS-237 A-19
B.C.A IV Semester Degree Examination
COMPUTER SCIENCE
(Elements of System Analysis and Design)
Paper - BCA 4.5
(New)

Time : 3 Hours

Maximum Marks : 80

SECTION - A

I. Answer **ALL** the Questions:

(10×2=20)

- a) Define Information.
- b) What is operational Information?
- c) What are Questionnaires?
- d) What is meant by online data entry?
- e) What are the methods of gathering Information?
- f) Define Normalization.
- g) Expand DFD.
- h) Define Entity.
- i) Define VIRUS.
- j) What is E-commerce?

SECTION - B

II. Answer any **FOUR** Questions:

(4×5=20)

2. Explain Qualities of Information.
3. Why do we need a computer based Information system?
4. Explain Tools used by the system Analysts
5. Explain the step in system analysis.
6. List the Advantages of DBMS.
7. Define Internet. Why is Internet Important in E-commerce.

SECTION - C

III. Answer any FOUR Questions:

(4×10=40)

8. Explain Briefly system life cycle..
9. What is feasibility Analysis? Explain the steps in feasibility Analysis.
10. What is Normalization? Explain 1NF and 2NF with an example.
11. How do you ensure Security of Information? Explain briefly.
12. Write a note on Data Dictionary and coding techniques used for data Input.
13. Define E-Commerce. What are the different types of e-commerce ?

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