

215-N

**B. A./B. Com./B. Sc. (Part II)
EXAMINATION, 2019**

(New Course)

(Vocational Course)

COMPUTER APPLICATION

Paper First

(System Analysis and Development)

**Time : Three Hours } [Maximum Marks : { B. A. : 25
B. Com./B. Sc. : 50**

Note : Attempt questions from all Sections as directed.

Inst. : The candidates are required to answer only in serial order. If there are many parts of a question, answer them in continuation.

Section—A

(Short Answer Type Questions)

**Note : Attempt (A) to (C) total three questions for B. A.
Attempt (A) to (F) all the six questions for
B. Com./B. Sc. Each question carries 3 marks.**

1. (A) What are the various elements of a system ?
- (B) What are the important activities that are carried out during the feasibility study phase ?
- (C) What do you mean by 'Schema' ?

(A-36) P. T. O.

- (D) Define 'Structured English'.
- (E) Explain any two system planning methodologies.
- (F) What is IPO chart ?

Section—B

(Long Answer Type Questions)

Note : Attempt any two questions. Each question carries 4/8 marks.

2. What are the various steps that are to be considered while implementing a new system ?
3. Explain the different categories of maintenance in the S. D. L. C.
4. Prepare a data flow diagram for a student information system. <http://www.csjmuonline.com>
5. Bring out the significance of interviewing in system investigation.

Section—C

(Long Answer Type Questions)

Note : Attempt any two questions. Each question carries 4/8 marks.

6. What is integration testing ? Describe in detail top-down and bottom-up integration testing.
7. What are the requirements of form design ? Describe the types of forms.
8. What are the major threats to system security ? Which one is the most serious ?
9. Explain the multilevel security model. Also explain the multilateral security.

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