

Paper code: 13517

1517

B.Sc. (Computer Science) (Part 2)

Examination, 2019

Paper No. 3.2

**BUSINESS DATA PROCESSING**

Time: Three Hours] [Maximum Marks: 33

Note: Attempt five questions. All questions carry equal marks. Question No. 1 is compulsory.

1. (a) Define a business system and its Environment.  
(b) What are various information system needs, explain ?
2. (a) Define the role of making personnel.  
(b) What is cost/benefit analysis, explain ?
3. (a) Define system maintenance, also write importance of its review.  
(b) Compare sequential and indexed sequential files.
4. Write a program in COBOL to add two numbers.
5. (a) What is DBMS ? How it differs from flat files ?  
(b) Compare indexed and direct access organization.
6. Explain following: <http://www.mjpruonline.com>
  - (i) Network Models
  - (ii) Relational Models
7. (a) How can one search an element into given record ? Explain.  
(b) Compare multiple key retrieval and inverted file system.
8. Write short notes (any two)
  - (i) DDL and DML
  - (ii) Report writing in COBOL
  - (iii) Schema and subschema

.....End.....