



**PJ-502**

**100385**

I Semester M.Com. Examination, February - 2020  
(CBCS Scheme)

**COMMERCE**

**Paper - 1.4 : Information system and Computers**

Time : 3 Hours

Max. Marks : 70

**SECTION - A**

Answer **any seven (7)** sub questions. Each Sub-question carries **two** marks.

**7x2=14**

1. (a) What is information system ?  
(b) What is software System Development Life Cycle (SDLC) ?  
(c) Write a note on ISO 27001.  
(d) Statement on Auditing Standards (SAS) for service organisation.  
(e) Write a note on digital signature.  
(f) What is ITIL ?  
(g) What are the features of DBMS ?  
(h) What do you mean by multiple data files ?  
(i) What do you mean by What-if-analysis ?  
(j) Write a note on IPMT.

**SECTION - B**

Answer **any four (4)** question. Each question carries **five** marks.

**4x5=20**

2. What is information system ? Explain its role in Business.
3. Describe about IT-GRC (Governance, Risk and Compliance).
4. What is fraud ? How do you investigate through IT ?
5. Define DBMS. Explain the types of structures.
6. Explain the statistical function in spread sheet software.
7. Explain the procedure to create a PIVOT TABLE through spread sheet.

**P.T.O.**



**SECTION - C**

Answer **any three** question. Each question carries **twelve** marks. **3x12=36**

8. Differentiate among information system, operation support system and management support system.
9. State the control objectives for information and related technology (COBIT).
10. Explain the salient features of IT Act-2008.
11. Explain the procedure in DBMS software creating, editing, modifying, searching and sorting of the data.
12. In a Bangalore city a survey was conducted on favourite color, and their preference for particular color is presented below :

Favourite color	Frequency (No. of Persons)
Blue	6
Yellow	10
Green	4
Red	5
Purple	6
White	7

Based on this information, prepare a PIE-CHART.

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