

IT in Business (CS-1001)

Final Exam

Date: May 25th 2024

Course Instructor(s)

Aftab Bhatti

Total Time: 3 Hrs.

Total Marks: 100

Total Questions: 5

Roll No

Section

Student Signature

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Attempt all the questions.

CLO # 3: To develop communication skills using technology lingo/jargons with techies and industry practitioners.

Q1: Write full forms of the acronyms. Please see the attached sheet.
(Time allowed 35 Minutes)

[30 marks]

CLO # 10: To introduce fundamental concepts of Software Development Life Cycle and professional approaches to industry solutions

Q2: List and describe all the steps in developing a new or updating an existing software system. Explain your answer in the scenario of System Development Life Cycle (SDLC).

[20 marks]

CLO # 4: To develop insight on evolution of computing technologies, the architecture with the functions of IT appliances in everyday usage.

Q.3: With the help of diagrams describe various types of LAN topologies. List all the components (i.e. cables, connectors, etc.) being used in each topology. Differentiate each topology on the basis of its purpose/function and structure. Describe the advantages and disadvantages of each topology.

[20 marks]

CLO # 6: To enhance office automation platform (MS-Office etc.) skills to apply in real life business and managerial situations and generate relevant reports and business documents

Q.4: List and describe various categories and types of software. Explain the main use of each type of software.

[10 marks]

CLO # 4: To develop insight on contemporary data processing and information technology solutions to work individually and as team on business challenges addressed with advanced IT services

Q.5: What do you know about the term Industry 4.0? Identify and describe all the main features and functions of Industry 4.0. Also comment on the future prospects of Industry 4.0.

[20 marks]