ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)
ORGANISATION OF ISLAMIC COOPERATION (OIC)

DEPARTMENT OF BUSINESS AND TECHNOLOGY MANAGEMENT

Mid-Semester Examination   Summer Semester, A. Y. 2021-2022
Course No.   : BTM 4627   Time   : 1.5 hours
Course Title   : Enterprise Resource Planning (ERP)   Full Marks   : 75

Answer **all the 3 (three)** questions. All questions carry equal marks. Marks of each question and corresponding CO and PO are written in the right margin with brackets.

1. a) Can you give illustrations of companies that encountered difficulties due to not having an integrated system, and describe the measures they took to address these difficulties? — 8 (CO1) (PO1)

    b) How do the operations and outcomes of an organization change before and after implementing an Enterprise Resource Planning (ERP) system? — 8 (CO1) (PO1)

    c) What are the types of professional services that organizations typically receive when implementing an Enterprise Resource Planning (ERP) system, and how do they differ in terms of scope and focus? — 9 (CO3) (PO3, PO11)

2. a) Enumerate the key challenges in implementing a single global Enterprise Resource Planning (ERP) system and their potential impact on the success of the project. — 8 (CO1) (PO1)

    b) What are some of the most complex and potentially impactful risk factors associated with Enterprise Resource Planning (ERP) implementation project? — 8 (CO2) (PO5, PO11)

    c) The evolution of Enterprise Resource Planning (ERP) technology has gone through several key stages and milestones. Identify the key technologies have evolved over time to meet the changing needs of organizations. — 9 (CO1) (PO1)

3. a) What are the various buzz-words commonly used in the field of data analytics, and what do they represent in terms of technology, techniques, and applications? — 8 (CO2) (PO5, PO11)

    b) Can you describe the key features of big data that set it apart from regular data and pose difficulties for traditional data processing techniques? — 8 (CO2) (PO5, PO11)

    c) Critically analyze the top 10 companies in Bangladesh that provide Enterprise Resource Planning (ERP) services, based on their reputation, market position, and range of services offered. — 9 (CO3) (PO3, PO11)