

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI  
(END SEMESTER EXAMINATION)**

**CLASS: MBA  
BRANCH: MBA**

**SEMESTER : IV  
SESSION : SP/2023**

**SUBJECT: MT545 SYSTEM ANALYSIS & DESIGN**

**TIME: 3 Hours**

**FULL MARKS: 50**

**INSTRUCTIONS:**

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
  2. Attempt all questions.
  3. The missing data, if any, may be assumed suitably.
  4. Before attempting the question paper, be sure that you have got the correct question paper.
  5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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Q.1(a)	Examine the reasons system development life cycle is a project management model that defines the stages involved in bringing a project from injection to completion.	[5]	CO- 1	BL - 4
Q.1(b)	Analyse the instruments used for fact finding during the analysis stage of system development.	[5]	CO 1 & co 2	BL -4
Q.2(a)	Demonstrate how business information system use set of interrelated procedures using IT infrastructure to generate and disseminate desired information.	[5]	CO 1&2	BL -3
Q.2(b)	Classify the types of information system with examples.	[5]	CO 2&1	BL -2
Q.3(a)	Compare and contrast joint application development and rapid application development.	[5]	CO-3	BL -4
Q.3(b)	Examine the significance and tools used for structured analysis.	[5]	CO-3&4	BL -4
Q.4(a)	Illustrate the use of CRUD matrix.	[5]	CO-3	BL- 2
Q.4(b)	Analyse how feasibility study aims to provide an independent assessment that examines all aspects of proposed project.	[5]	CO- 1&3	BL-4
Q.5(a)	Examine how implementation process ensures that the information system meets quality standard.	[5]	CO-4&5	BL- 4
Q.5(b)	Predict the mechanism to reduce the risk of IT system failure.	[5]	CO-5	BL - 3

:04/05/2023::E