K. J. Somaiya Institute of Technology, Sion, Mumbai-22
(Autonomous College Affiliated to University of Mumbai)

Nov – Dec 2025-26
(B. Tech / M. Tech.) Program: B.Tech   Scheme I/II/IIB/III: II
Regular/Supplementary Examination: LY Semester: VII
Course Code: AIDLC7041 and Course Name: Business Intelligence

Date of Exam: 02/12/2025   Duration: 02.5 Hours

Max. Marks: 60

Instructions:
(1) All questions are compulsory.
(2) Draw neat diagrams wherever applicable.
(3) Assume suitable data, if necessary.

Q. No.	Question	Max. Marks	CO	BT level
Q 1	**Solve any two questions out of three: (05 marks each)**	10		
a)	Explain the components of BI architecture.		CO1	U
b)	What is OLAP? Explain its importance with an example.		CO2	U
c)	What is the importance of risk management in BI project planning?		CO3	U
Q 2	**Solve any two questions out of three: (05 marks each)**	10		
a)	Explain different types of BI reports.		CO4	U
b)	What are centralized and decentralized BI architectures?		CO5	U
c)	Explain the role of AI in Business Intelligence.		CO6	U
Q.3	**Solve any two questions out of three. (10 marks each)**	20		
a)	Explain the ETL process with a neat diagram.		CO1	U
b)	Discuss dashboards and scorecards with examples.		CO2	U
c)	Describe project resource identification and its importance.		CO3	U
Q.4	**Solve any two questions out of three. (10 marks each)**	20		
a)	Explain report drill-down and drill-through operations.		CO4	U
b)	Explain BI authentication and authorization.		CO5	U
c)	What is real-time analytics? Provide use cases.		CO6	U

****