

Name:	 UPES UNIVERSITY WITH A PURPOSE
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2019

Course: B. Tech. + BFSI	Semester: V
Program: Banking Technology Application Architecture	Time: 03 hrs.
Course Code: CSBI3001	Max. Marks: 100

Instructions: Give Answer in details as per marks allotted to questions.

SECTION A

S. N.	Question	Marks	CO
Q 1	Mention different views used in Banking Technology Application Architecture.	4	CO1
Q 2	Draw the diagram of Core General ledger application with its constituent.	4	CO2
Q 3	Classify Report Universe on Period base & functional use.	4	CO3
Q 4	List broader group of transactions during the Customer life cycle with Bank.	4	CO4
Q 5	What are external applications and their need of integration with Core Banking System?	2+2	CO5

SECTION B

Q 6	Define System Context. Compare it with Business context by Prism Paradigm.	4+4	CO1
Q 7	What is Customer Information System (CIS) in BTAA? Justify why Retail & Corporate Banking applications have same modules?	4+4	CO2
Q 8	Why Terrestrial Applications are important in Banking Applications and give examples of T.A. with Technical & Functional architecture integration with Core Banking System?	4+4	CO3
Q 9	Discuss deep down analysis of Technical Architecture of Channels in BTAA. OR Discuss in detail Functional Architecture of Channels in Banking transactions and drill down of any one transaction.	8	CO4
Q 10	Draw the Multichannel Integration using SOA Architecture.	8	CO5

SECTION-C

Q 11	Discuss in details with the help of diagram, overview of Core Banking Application Architectures by all 20 Artifacts. OR Elaborate Functional Architecture of Lending Applications.	8+8+4	CO1, CO2, CO3.
Q12	Analyze how Banking Industry Automation (SOA model) is fine tune combination of CBS, Terrestrial & External Applications. Why Integration of these Applications still a challenge & discuss the Need & Scope of Integration of external Application with CBS.	4+8+8	CO3, CO4, CO5