05RLMCA206052002

Pages: 2

Reg No.:_____

Name:

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Fourth Semester MCA Degree Regular and Supplementary Examination July 2021

Course Code: RLMCA206 Course Name: MOBILE COMPUTING

Max.	. Marks: 60 Duration:	3 Hours
	PART A	
	Answer all questions, each carries 3 marks.	Marks
1	Explain NFC and give its application.	(3)
2	What are the services provided by 3G?	(3)
3	List any six applications of Mobile Computing.	(3)
4	What are the special service requirements of Mobile OS?	(3)
5	Differentiate between Android OS & iOS.	(3)
6	Explain the features of C-HTML and HDML.	(3)
7	What is the use of Android SDK?	(3)
8	How View is differing from ViewGroup in Android?	(3)
	PART B	
	Answer any one question from each module. Each question carries 6 marks.	
	Module I	
9	Explain the functionalities of a Cellular Communication System.	(6)
	OR	
10	What are the components of Wireless Communication System? Explain.	(6)
	Module II	
11	Distinguish between Infrastructure-based networks and Infrastructure-less	(6)
	networks with the help of suitable schematic diagrams.	
	OR	
12	Which subsystem forms the heart of GSM? Draw the architecture and briefly	(6)
	explain the different subsystems of GSM.	
	Module III	
13	What is a Microkernel OS? What are its advantages and disadvantages in the	(6)
	context of the design of a Mobile OS?	

05RLMCA206052002

OR

(6)
(6)
(6)
(6)
(6)
(6)
(6)

