**INSTITUTE OF AERONAUTICAL ENGINEERING** 



(Autonomous) Dundigal, Hyderabad - 50043

## **INFORMATION TECHNOLOGY**

## **ASSIGNMENT QUESTIONS**

Course Name	MOBILE APPLICATION DEVELOPMENT
Course Code	A70535
Class	IV B. Tech I Semester
Branch	IT
Year	2018 – 2019
Course Coordinator	Mr. D Rahul, Assistant Professor, Dept of IT.
Course Faculty	Mr. D Rahul, Assistant Professor, Dept of IT.

## **COURSE OBJECTIVES**

To meet the challenge of ensuring excellence in engineering education, the issue of quality needs to be addressed, debated and taken forward in a systematic manner. Accreditation is the principal means of quality assurance in higher education. The major emphasis of accreditation process is to measure the outcomes of the program that is being accredited.

In line with this, Faculty of Institute of Aeronautical Engineering, Hyderabad has taken a lead in incorporating philosophy of outcome based education in the process of problem solving and career development. So, all students of the institute should understand the depth and approach of course to be taught through this question bank, which will enhance learner's learning process.

S. No	Question	Blooms Taxonomy Level	Course Outcomes		
UNIT-I					
1	How J2ME is organized. Explain about the two fold approach which is used by the Java Community Process (JCP) Program?	Understand	1		
2	Distinguish CLDC and CDC Configurations with its features of J2ME.	Remember	1		
3	Explain the following technologies with supported networks Wireless Technology Microwave Technology	Understand	1		
4.	Illustrate the wireless technology phenomena for small computing wireless communication devices.	Understand	1		
5	Which is the small computing device that is used to store secured information? Write the features of the same.	Remember	1		
6	How many categories of set top boxes are there and Write the common operations of set top box.	Remember	1		
7	Explain thin client and thick client processing with neat sketches.	Understand	1		
8	Write the primary challenge facing the mobile small computing industry. How about the careful Design is made to face the challenge.	Remember	1		
9	Explain the limitations of J2ME. What are the other Java platforms available for small computing devices which will eliminate those limitations?	Understand	1		
10	List all the J2ME Profiles; Explain each profile with its configurations and its applications.	Remember	1		
UNIT-II					
1	Explain the ways to update the data when it has been changed? Which is the best way to do so? Why?	Understand	2		

3 Explain the modular design of J2ME architecture? Understand 2   4 Distinguish the Manifest file and the Java Descriptor file with an example each Remember 2   5 Explain the components of the Java Achieve File (JAR). List all the mandatory and Optional attributes of manifest file. Remember 2   6 Define MIDIE Stute. Remember 2   7 Write a MIDIE visite and explain how the Multiple Midlet's are organized in the MIDIE Stute. Nunderstand 2   9 Justify "Off-Load Computations to the Server" is one of the best practice of Understand 2   10 Explain the procedure how to configure the emulator such that the MIDIE's can access the Internet Resources UNIT-III   UNIT-III   UNIT-Site Set practices and patterns.   8 Explain about Event Processing with an example. Remember 3   2 Explain in detail DAE best practices and patterns. Remember 3   3 Explain in detail J2ME best practices and patterns. Remember 3   4 Explain in detail J2ME best practices and patterns. Remember 3   5 Define user interface? Explain three Kinds of user interfaces for a J2ME Remember 3   6 Explain the methods to manage lens in the form. Understand 3   9 Differe	2	List and explain about the small computing device requirements?	Remember	2
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8 Explain about enumerating a record with an example. Understand 4	7	Explain about reading a mixed data type record into a record enumeration.	Understand	4
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9	Explain the relationship between MIDlet suites and record stores.	Remember	4			
10	Explain different ways to connect to the database	Remember	4			
	UNIT-V					
1	Write short notes on HTTP.	Understand	3			
2	Write short notes on J2ME Wireless Toolkit.	Understand	3			
3	Explain the process of reading data from an HTTP connection	Remember	3			
4	Explain Input Stream and Output Stream classes	Understand	3			
5	Explain about communication with a remote server using an HTTP Connection.	Understand	4			
6	Write about the file protocol.	Understand	4			
7	Explain the types of HTTP request methods	Understand	5			
8	Explain in detail about session management.	Remember	5			
9	Explain the process of how to send user request using HTTP.	Understand	6			
10	Explain the class hierarchy of the Generic Connection Framework (GCF).	Understand	6			

Prepared By: Mr. D Rahul, Assistant Professor

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