


Name:			
Enrolment No:			
UNIVERSITY OF PETROLEUM AND ENERGY STUDIES End Semester Examination, May 2024			
Course: Enterprise Mobile Application Development Program: B. Tech CSE-Mobile Computing Course Code: CSMC4007P		Semester: VIII Time : 03 hrs. Max. Marks: 100	
Instructions: Attempt all Questions.			
SECTION A (5Qx4M=20Marks)			
S. No.		Marks	CO
Q 1	Discuss the key challenges of mobile application development.	4	CO1
Q2	List the various storages which are provided by android.	4	CO1
Q3	Draw a clear picture of all components of IBM Worklight Platform.	4	CO2, CO3
Q4	What is the best practice for mobile device security?	4	CO2
Q5	Discuss the factors to be considered while selecting a mobile platform for enterprise development.	4	CO3, CO4
SECTION B (4Qx10M= 40 Marks)			
Q6	a) Illustrate the troubleshooting mechanism of android applications which crashes frequently? b) Differentiate between Toast and Spinner	5+5	CO1, CO2
Q7	How to publish an android application. Write all the suitable steps, take an example for clarification.	10	CO2, CO4
Q8	Discuss the operational analytics for IBM MobileFirst platform.	10	CO2, CO3
Q9	Discuss the process to register an application to a production environment.	10	CO3, CO4
SECTION-C (2Qx20M=40 Marks)			
Q10	a) Discuss the benefits of jQuery in mobile app development, provide suitable examples for the same. Why do we need system initialization parameters. b) Discuss the role of JSON in mobile app development. How to work with JSON, explain the logic with suitable example.	10+10	CO2, CO3, CO4

Q11	<p>Create a simple application of your choice using MobileFirst platform. Show your creativity by taking necessary parameters for the application.</p> <p style="text-align: center;">OR</p> <p>Illustrate the benefits of using direct update, its versioning and restrictions in any enterprise mobile app especially designed for the marketing campaigns for the products of the automobile company</p>	20	CO2, CO3, CO4