

Name:  
Enrolment No:



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

**Course: Enterprise Mobile Application Management**  
**Program: B.Tech. CSE-Mobile Computing**  
**Course Code: CSIT 465**

**Semester: VII**  
**Time 03 hrs.**  
**Max. Marks: 100**

**Instructions: Attempt all questions.**

**SECTION A**

S. No.		Marks	CO
Q 1	Discuss the key challenges with mobile applications.	4	CO1, CO2
Q 2	Draw a clear picture of all components of IBM Worklight Platform.	4	CO1, CO2
Q 3	Define challenge handler. How it is used in MobileFirst platform.	4	CO1, CO2
Q 4	Draw and explain Adapter based authentication process in MobileFirst platform.	4	CO1, CO2
Q 5	Discuss about Cordova APIs and Cordova plug-ins.	4	CO1, CO2

**SECTION B**

Q 6	Write down all major steps to install MobileFirst Server.	3+7	CO3, CO4
Q 7	Discuss the operational analytics for IBM MobileFirst platform.	10	CO3, CO4
Q 8	Discuss about WebSphere LTPA based authentication.	10	CO3, CO4
Q 9	Discuss the administering process in MobileFirst applications.	10	CO3, CO4

OR

Q 9	Discuss the process to register an application to a production environment.	10	CO3, CO4
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**SECTION-C**

Q 10	Discuss the following: a) Classic Security Model b) OAuth based Security Model	20	CO1, CO2
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Q 11	Discuss the following: a) Form based Authentication b) Custom Authentication	<b>10+10</b>	<b>CO3, CO4</b>
	OR		
Q 11	Create a simple application of your choice using MobileFirst platform. Show your creativity by taking necessary parameters for the application.	<b>20</b>	<b>CO3, CO4</b>