Name:		
Enrolment No:		

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2020

Course: Enterprise Mobile Application Development   Semester: V
Program: B.Tech. CSE-MAD   Time 03 hrs.
Course Code: CSMC3004   Max. Marks: 100

Instructions: Attempt all the questions.
                  In section A, select the correct answer/answers.

SECTION A

S. No.		Marks	CO
Q 1	The Worklight server is an application that runs on_____ a) Mail Server b) Application Server c) Web Server d) FTP Server	5	CO1
Q 2	Live tracking includes additional configuration options such as_____ a) Rough Tracking b) Power Saving c) Custom Settings d) All of the above	5	CO2
Q 3	Which is correct format of writing JSON name/value pair: a) "name" : "value" b) name = 'value' c) name = "value" d) name : value'	5	CO3
Q 4	Authentication realm is a combination of one authenticator and one login module. a) True b) False	5	CO4
Q 5	Auto provisioning is triggered by a server when it requests a provisioned device identity. a) True b) False	5	CO5
Q 6	Is whitespace matter in JSON? a) No, it will be stripped out. b) Yes, both inside and outside of strings c) Yes, only within strings d) Yes, only outside of strings	5	CO6

SECTION B

Q 7	Discuss the various challenges of mobile application development.	10	CO1
Q 8	Discuss the role of JSON in mobile app development. How to work with JSON; explain the logic with suitable example.	10	CO2

Q 9	How the adapters help the developer in mobile app development process, explain the logic with suitable example.	10	CO3
Q 10	Draw and explain the architecture of IBM worklight application center.	10	CO4
Q 11	Discuss the benefits of jQuery in mobile app development, provide suitable example for the same.	10	CO6
SECTION-C			
Q 12	Describe the WebSphere LTPA based authentication process.	20	CO5
	Or		
Q 12	Create a native application using form based authentication. Explain all the modules which are required to build a native application.	20	CO5