Examination Nov/Dec 2019

H-1257

Total No. of Printed Pages:2

SUBJECT CODE NO:- H-1257
FACULTY OF SCIENCE AND TECHNOLOGY
Final B.Tech. (CSE) (Sem-VII)
Mobile Application Development
[Old]

[Time: Three Hours]   **[Max.Marks: 80]**

Please check whether you have got the right question paper.

N.B   1) Question No.1 & 6 are compulsory.
                   2) Attempt any two from remaining from each section.

SECTION – A

Q.1   Attempt any five   10
       a) What is explicit intent?
       b) What is service?
       c) Enlist files contained in values folder.
       d) What is content provider?
       e) What is ADB?
       f) What is NDK?

Q.2   a) Explain the steps which an App goes through before it is ready for installation.   08
       b) Explain the elements of an Actron Bar.   07

Q.3   Explain various mechanism of data persistence and access in mobile apps. Highlight pro and cons of   15
       each mechanism.

Q.4   a) Illustrate benefits of AsyncTask over threads for implementation.   08
       b) Explain the various methods of JSON Reader APL used parsing JSON Data.   07

Q.5   a) Write XML code to create horizontal rainbow.   08
       b) Outline process for intent resolution.   07

SECTION – B

Q.6   Attempt any five.   10
       a) Enlist two position sensor.
       b) Enlist two video codecs.
       c) Enlist two audio format.
       d) What is ANR?
       e) What is ppi?
       f) Explain screen resolution.

Q.7   a) List and explain various media formats supported by android.   08
       b) Explain media player.objects life cycle and its respective call back method.   07

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Q.8	a)	Explain App testing landscape in detail.	08
	b)	Explain various mechanism to publish an app.	07
Q.9	a)	List down the do's and don'ts while using sensors in an app.	08
	b)	Explain purpose of motion, position and environment sensor with real life use case in each.	07
Q.10	a)	Explain white box and black box testing for an android app.	08
	b)	Define various media containers and their respective codec in detail.	07

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