Sanjay Ghodawat University, Kolhapur

2020-21

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

EXM/P/09/00

Year and Program: Final Year, B. Tech	**School of Technology**	**Department: Computer Science and Engineering**
Course Code: CST409	**Course Title: Mobile Application Development**	**Semester :VII**
Day : Tuesday **Date : 24.12.2020**	**End Semester Examination**	**Time : 2Hrs.** **Max Marks : 50**

Instructions: 1) All Questions arecompulsory.
2) Full marks for right program, flow chart , diagram, figure

		Marks	Bloom's Level	CO
Q.1	**Answer the following (anyTwo)–**			
a)	Describe android architecture indetail.	8	L1	CO2
b)	Explain in detail android project directorystructure.	8	L2	CO1
c)	Describe activity lifecycle.	8	L2	CO2
Q.2	**Answer the following (any two)–**			
a)	Compare different types of layout used inGUI.	8	L4	CO2
b)	Identify the use of following widgets/components in GUI desig i) RadioButton ii) Textfield iii) Button iv) Spinner	8	L4	CO3
c)	Write a program to display multiple options in Spinner widget ..ith the help of ArrayAdapter.	8	L5	CO3
Q.3	**Answer the following (any two)–**			
a)	Compare Toast , Alertbox and Notification along withexample.	9	L6	CO4
b)	Illustrate how to handle click event of context/popupmenu.	9	L3	CO4
c)	Write a code to insert record into the course table with attributescno (number), cname(text), duration(number), fees(number).	9	L5	CO4

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