PAPER ID-310122

Subject Code: RCAE25

Roll No: | | | | | | | | | | | | |

MCA

(SEM-V) THEORY EXAMINATION 2020-21

MODERN APPLICATION DEVELOPMENT

Time: 3 Hours ***Total Marks: 70***

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. 2 x 7 = 14

a.	Why Requirement gathering is necessary to develop mobile application.?	2	CO-1
b.	Write benefits of designing the mobile application?	2	CO-1
c.	Write the advantages of sqllite?	2	CO-2
d.	What is the difference between android and iOS?	2	CO-3
e.	Write the advantage of swift?	2	CO-3
f.	Write only three-line code to add two number using java?	2	CO-4
g.	What is the use of manifest file?	2	CO-5

SECTION B

2. Attempt any *three* of the following: 7 x 3 = 21

a.	How to achieve the quality constraints security in mobile application?	7	CO-1
b.	How can you integrate the GPS in mobile application?	7	CO-2
c.	Explain the architecture of android with an example?	7	CO-3
d.	What is the difference between native mobile app design and responsive web design?	7	CO-4
e.	Write the swift code for prime number?	7	CO-5

SECTION C

3. Attempt any *one* part of the following: 7 x 1 = 7

a.	How to achieve the target of market using mobile application?	7	CO-1
b.	Write the process of publishing the Mobile Application in android?	7	CO-1

4. Attempt any *one* part of the following: 7 x 1 = 7

a.	How gestures play an important role in iOS Mobile Development?	7	CO-2
b.	Embedded System implementation is very difficult in any mobile application justify your answer?	7	CO-2

5. Attempt any *one* part of the following: 7 x 1 = 7

a.	Multimedia development is not possible without architectural development justify your answer?	7	CO-3
b.	What is soft computing and how it helps in cloud computing explain with an example?	7	CO-3

6. Attempt any *one* part of the following: 7 x 1 = 7

a.	Write the iOS code for user interface design?	7	CO-4
b.	How PhP embedded with JSON to full fill the requirement of customer? Explain with an example?	7	CO-4

7. Attempt any *one* part of the following: 7 x 1 = 7

a.	How swift language help full in development of iOS? Explain with an example?	7	CO-5
b.	Describe the architecture of an android?	7	CO-5