

Roll No.:

SGT UNIVERSITY

END TERM THEORY EXAMINATION JULY-2022

Faculty/College of Study:	Engineering & Technology	Year/Semester:	6 th - Semester
Program:	BCA (CC)	Duration:	03:00 Hrs
Course/Subject:	Enterprise Mobile Application on Development	Maximum Marks:	60
Course/Subject Code:	13450603	Batch:	2019

Instructions:-

1. Write Your Roll No. on the Question Paper.
2. Candidate should ensure that they have been provided correct question paper. Complaint(s) in this regard, if any should be made within 15 minutes of the commencement of the exam. No complaint(s) will be entertained thereafter.
3. All Questions are compulsory. Marks are indicated against each question.
4. Illustrate your answer with diagram wherever required.

SECTION-A

(Very Short Answer Type Questions)

Note: All Questions are compulsory: -

[12X1=12 Marks]

S. No.	Question	Marks Allotted
1	In computing environment, Swift is used to implement _____	1
2	How are mobile applications classified?	1
3	List disadvantages of web app.	1
4	Full form of AMPS is _____	1
5	Microphone is used to convert ___ energy into _____ signal	1
6	Stylus works on the _____ touchscreen	1
7	The idea of the web was proposed by _____	1
8	Define the term hypertext.	1
9	Write four parts of Uniform Resource Identifier.	1
10	HTTP works on TCP protocol. True/False	1
11	Name any two open-source mobile operating system	1
12	The latest version of Android is _____	1

SECTION-B
(Short Answer Type Questions)

Note: All Questions are compulsory: -

[4X2=8 Marks]

S. No.	Question	Marks Allotted
13	State the function of baseband part of mobile.	2
14	Native apps are better than web apps. Comment on the above statement.	2
15	Explain the utility of proxy servers.	2
16	Discuss few features of iOS Mobile operating system?	2

SECTION-C
(Descriptive Answer Type Questions)

Note: All Questions are compulsory: -

[4X4=16 Marks]

S. No.	Question	Marks Allotted
17	State and categorize mobile handsets based on their features.	4
18	Differentiate between Native apps and Hybrid apps.	4
19	In non-persistent HTTP connection, how can HTTP inform the TCP protocol that the end of message has been reached?	4
20	Discuss the need of mobile operating systems.	4

SECTION-D

(Long Answer Type Questions)

Note: All Questions are compulsory: -

[4X6=24 Marks]

S. No.	Question	Marks Allotted
21	Draw a neat diagram of mobile architecture. Explain various components used in mobile handsets	6
22	State various features that should be considered while designing and mobile app.	6
23	Explain the term web documents. Categorize and explain documents in world wide web.	6
24	Write short notes on following a. Blackberry b. Tizen	6