

Reg. No .....

Name .....

**BCA DEGREE END SEMESTER EXAMINATION - MARCH 2020**  
**SEMESTER 4 : MOBILE APPLICATIONS AND CLOUD TECHNOLOGY**  
**COURSE : 16U4CRBCA12: MOBILE WEB AND APPLICATION DEVELOPMENT**  
*(Common for Regular 2018 Admission and Improvement / Supplementary 2017/2016 Admissions)*

Time : Three Hours

Max. Marks: 75

**Section A**  
**Answer All (1 marks each)**

1. IOS is a \_\_\_\_\_
2. What you mean by location based service ?
3. Function overloading is a example of \_\_\_\_\_
4. Compiler is a \_\_\_\_\_
5. SIM stands for \_\_\_\_\_
6. Write some of the mobile application testing parameters?
7. What is the use of <i> tag ?
8. \_\_\_\_\_ input type is used for password fields.
9. Emulator is used for \_\_\_\_\_
10. What is GinWiz mobile converter?

(1 x 10 = 10)

**Section B**  
**Answer any 8 (2 marks each)**

11. What is mobile Application Development?
12. write any two advantage of thin client.
13. Write any two examples of C++ compiler.
14. What are the stepd invoved in a C++ program?
15. What is the use of SIM?
16. Write the use of See and point for UI development?
17. Write a note on anchor tag?
18. What is world wide web?
19. What is an IDE?
20. What are the limitations of UAProf?

(2 x 8 = 16)

**Section C**  
**Answer any 5 (5 marks each)**

21. Write a short note on advantage and disadvantages of Thin Client Applications.
22. Explain the key considerations while choosing between fat and thin client.
23. Explain the different type of java compiler.
24. With the help of a neat sketch explain about the execution of a java program.

25. Explain in detail about principles for UI development?
26. Explain features of XML.
27. Explain in detail about 5 Layers of WAP protocol Stack.

(5 x 5 = 25)

**Section D**

**Answer any 2 (12 marks each)**

28. Explain different categories of mobile applications ?
29. Explain Java Compiler and Java Interpreter?
30. Explain CSS and CSS selectors? Explain different methods to insert CSS in a web page?
31. Explain content adaption and adaption strategies?

(12 x 2 = 24)