**BCA DEGREE END SEMESTER EXAMINATION - MARCH 2019**

**SEMESTER 4 : MOBILE APPLICATIONS AND CLOUD TECHNOLOGY**

COURSE : **16U4CRBCA12: MOBILE WEB APPLICATION AND DEVELOPMENT**

*(For Regular - 2017 Admission and Supplementary/Improvement - 2016 Admission)*

Time : Three Hours                            Max. Marks: 75

## Section A
### Answer all the following (1 marks each)

1. Code reusability is and advantage of _____
2. Give names of two mobile progamming languages?
3. The main fuction of a complier is to _____
4. Java is an _____.
5. _____ is a challenge while designing UI
6. What is the use of aesthetic integrity ?
7. What is the use of <hr> tag ?
8. Web Services are based on the concept of _____.
9. Emulator is used for _____
10. What is MobileOK?

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**(1 x 10 = 10)**

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

11. What is thin client application?
12. write any two disadvantage of fat client.
13. What is an interpreter?
14. What are the advantages of C++?
15. What is the function of download server in OTA application provisioning?
16. What is MobiOne development?
17. What is client-side scripting?
18. Name a HTML tag without closing tag? Explain its Use ?
19. Explain WML script?
20. Write about emulators (with examples).

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**(2 x 8 = 16)**

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

21. Explain the key challenges invoves in mobile application development.
22. write some typical examples for thin client approach.
23. Write any four advantage of C++.
24. Create a flow chart of programming methodology.
25. Explain the functionalities of SIM?
26. What is a web server and its functions?
27. Explain about conversion Engines.

**(5 x 5 = 25)**

## Section D
### Answer any 2 (12 marks each)

28. Explain the features of OOPs? How mobile applications can be developed using C++?
29. Explain the features of Java? Also explain advantages and disadvantages of Java?
30. Explain HTML table tag and different lists in HTML with example.
31. Write in detail about the WAP and WAP standards.

**(12 x 2 = 24)**