

**B.C.A DEGREE END SEMESTER EXAMINATION MARCH 2018**  
**SEMESTER – 4: BACHELOR OF COMPUTER APPLICATION (BCA) (CORE COURSE)**  
**COURSE: 16U4CRBCA12: MOBILE WEB AND APPLICATION DEVELOPMENT**  
*(For Regular - 2016 Admission)*

Time: Three Hours

Max. Marks: 75

**PART A**

Answer **all** the questions. Each question carries **1** mark.

1. JavaScript is a ..... programming language.
2. ASP.net is a ..... Language.
3. <td> tag is related to .....
4. .... is a SIM based application.
5. .... tag is used for line break.
6. Web Services are based on the concept of .....
7. WML Script is used for .....
8. .... defines as wrapping of data and member function into single unit.
9. WAP stands for .....
10. SDK stands for ..... (1 x 10 = 10)

**PART B**

Answer **any Eight** of the following questions. Each question carries **2** marks.

11. What is world wide web?
12. What is a web page?
13. What is emulator?
14. What is STK?
15. Explain polymorphisms.
16. What are the parts of SIM?
17. List any four C++ compilers?
18. What is an API?
19. What are the advantages of C++?
20. What are the advantages of mobile application over desktop application? (2 x 8 = 16)

**PART C**

Answer **any Five** of the following questions. Each question carries **5** marks.

21. Explain challenges for developing mobile application.

- 22. Compare thin and flat client application.
- 23. Explain parameters for testing.
- 24. Write notes on Symbian C++ and Microsoft embedded VC++.
- 25. Explain mobile app testing tools.
- 26. Compare web server and application server.
- 27. Compare FTP and HTTP.

(5 x 5 = 25)

**PART D**

Answer **any Two** of the following questions.

Each question carries **12** marks.

- 28. Explain tools available for mobile web development?
- 29. Explain HTML table tag and different lists in HTML with example.
- 30. Explain Java Compiler and Java Interpreter?
- 31. Explain the principles of UI development?

(12 x 2 = 24)

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