

**PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**BCA DEGREE EXAMINATION DECEMBER 2019  
(Fifth Semester)**

**Branch - COMPUTER APPLICATIONS**

**CORE ELECTIVE -1: MOBILE COMPUTING**

Time : Three Hours

Maximum : 75 Marks

**SECTION-A (20 Marks)**

Answer **ALL** questions

**ALL** questions carry **EQUAL** marks (10 x 2 = 20)

- 1 What do you mean by business drivers?
- 2 What is the personal information management?
- 3 Define: "CDPD".
- 4 Write a note on WML.
- 5 What is the wireless markup language?
- 6 How to declare a variable in WML?
- 7 Why do we need WAP?
- 8 How is security handles in WAP?
- 9 Write the purpose of WTAI.
- 10 What is a WML Script?

**SECTION - B (25 Marks)**

Answer **ALL** Questions

**ALL** Questions Carry **EQUAL** Marks (5 x 5 = 25)

- 11 a Distinguish between the market convergence and enabling convergence.  
OR  
b Explain the vertical services for the enterprise.
- 12 a What are the components of WAP? Explain.  
OR  
b Describe the WAP architecture design principles.
- 13 a Summarize the concept of WML document model.  
OR  
b Explain about the URL's identity content.
- 14 a Write down the overview of wireless binary extensible markup.  
OR  
b How the encoding process works? Explain.
- 15 a Describe the language basis of WML.  
OR  
b Explain the use of binary WML Script.

**SECTION - C (30 Marks)**

Answer any **THREE** Questions

**ALL** Questions Carry **EQUAL** Marks (3 x 10 = 30)

- 16 Illustrate the information and transactional services of mobile internet.
- 17 Draw and explain the overview of the WAP architecture.
- 18 Discuss the error and browser limitations of WML.
- 19 Explain the content structure of wireless binary extensible markup.
- 20 What are the WML script standard libraries? Explain.