

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION DECEMBER 2018
(Fifth Semester)

Branch - INFORMATION TECHNOLOGY

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 is Mobil Computing?
- 2 What is meant by Network?
- 3 What is WiFi?
- 4 Comment on the sensor network.
- 5 What is meant by GSM Addresses?
- 6 Comment on the SMMO.
- 7 What is the packet data network?
- 8 Write down the application for GPRS.
- 9 What is Bluetooth?
- 10 What do you mean by Java Card?

SECTION - B (25 Marks)

Answer **ALL** Questions

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

- 11 a Explain about dialogue control in detail.
OR
b Write a note on: Middleware.
- 12 a Elucidate about WLAN and its applications.
OR
b Discuss mobile Ad I-Ioc Networks in detail.
- 13 a Explain about network aspect in GSM.
OR
b Write a short note on : SMMT.
- 14 a Illustrate about GPRS Network Architecture.
OR
b Summarize the limitation of GPRS.
- 15 a Describe about TAPI in detail.
OR
b Discuss about radio frequency identification.

SECTION - C (30 Marks)

Answer any **THREE** Questions

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

- 16 Explain about mobile computing through internet.
- 17 Discuss briefly bout MMS Architecture in detail.
- 18 Illustrate about he GSM frequency allocations.
- 19 Enumerate the GPRS network operations.
- 20 Discuss about developing an I VR Applications.