PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION MAY 2019
(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 Middleware?
2   What is meant by Gateway?
3   What is MMS?
4   Comment on the mobile Ad Hoc networks.
5   What is meant by GSM?
6   comment on the SMMT.
7   What is GPRS network?
8   What are the limitations of GPRS?
9   What is RFid?
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   Write a short note on Networks.
                              OR
    b   Explain about applications and services of mobile computing.

12 a   Elucidate about MMS Transaction flow in detail.
                              OR
    b   Discuss about application of WLAN.

13 a   Explain about call routing in GSM.
                              OR
    b   Describe briefly about SMS architecture.

14 a   Illustrate about GPRS Network operations.
                              OR
    b   Discuss about applications of GPRS.

15 a   Discuss about developing an IVR applications.
                              OR
    b   Write a note on: Bluetooth.

SECTION - C (30 Marks)
Answer any THREE Questions
ALL Questions Carry EQUAL Marks (3 x 10 = 30)

16   Explain about architecture for mobile computing.

17   Discuss briefly abut mobility in wireless LAN.

18   Illustrate about the GSM architecture in detail.

19   Analyze about the GPRS network architecture.

20   Discuss about mobile computing through telephone.

Z-Z-Z   END