

(AUTONOMOUS)
BSc DEGREE EXAMINATION DECEMBER 2017
(Fifth Semester)

Branch - **COMPUTER TECHNOLOGY**

MOBILE APPLICATION DEVELOPMENT

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer **ALL** questions

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

- 1 List out the various ranges for signal propagation.
- 2 Define SDMA.
- 3 What is mobility management?
- 4 Define RLC.
- 5 What is symmetrical communication system?
- 6 Define SFN.
- 7 Define SDP.
- 8 . What is L2CAP?
- 9 What is Home network?
- 10 Write any two disadvantages of M-TCP.

SECTION - B (25 Marks)

Answer **ALL** Questions

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

- 11 a Discuss about FDMA with necessary diagram.
OR
b Explain TDM A.
- 12 a Explain about handover in detail.
OR
b Discuss about GPRS architecture.
- 13 a Explain the various components of DAB.
OR
b Discuss about broadcast transmission.
- 14 a Explain MAC layer and its significant.
OR
b Discuss the format of an IEEE 802.11 DSSS.
- 15 a Explain about IP - in - IP encapsulation.
OR
b Discuss about dynamic host configuration protocol.

SECTION - C (30 Marks)

Answer any **THREE** Questions

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

- 16 Explain about modulation in detail.
- 17 Discuss about the protocol architecture for signaling.
- 18 Discuss about Digital video broadcasting.
- 19 Write the system architecture of IEEE 802.11.
- 20 Discuss about IPV6 in detail.

Z-Z-Z

END