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BV—25—2016

FACULTY OF COMPUTER STUDIES

M.Sc. (SAN) (Second Semester) EXAMINATION

OCTOBER/NOVEMBER, 2016

(CBCS Pattern)

SYSTEM ADMINISTRATION AND NETWORKING

(Next Generation Networking)

(Friday, 25-11-2016)

Time : 10.00 a.m. to 1.00 p.m.

Time—3 Hours

Maximum Marks—75

N.B. :— (i) All questions are compulsory.

(ii) Assume suitable data if necessary.

1. Attempt any *three* of the following : 15
 - (a) What is network ? Explain in detail.
 - (b) Explain SSY Signaling point.
 - (c) Discuss UMTS.
 - (d) Explain network services in detail.
 - (e) Explain SSY protocol architecture.
2. Answer the following (any *three*) : 15
 - (a) Explain GPRS in detail.
 - (b) Explain network device of GSM.
 - (c) Explain CDMA in detail.
 - (d) Discuss zigbee.
3. Solve the following (any *three*) : 15
 - (a) Discuss TDMA.
 - (b) Explain Wi-Fi in detail.
 - (c) Explain concept of IP.
 - (d) Discuss RAN architecture of GSM in detail.

P.T.O.

4. Answer the following (any *three*) : 15
- (a) Discuss wi-max.
 - (b) Explain PSL in detail.
 - (c) Discuss CAMEL.
 - (d) Explain social network.
5. Write short notes (any *three*) : 15
- (a) GSM
 - (b) IPv6 based NGN
 - (c) WLAN
 - (d) Bluetooth
 - (e) Routing.