

This question paper contains 2 printed pages]

AO—341—2018

FACULTY OF SCIENCE

B.Sc. (Third Year) (Sixth Semester) EXAMINATION

MARCH/APRIL, 2018

COMPUTER SCIENCE

Paper XV

(Computer Network)

(Thursday, 26-4-2018)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Attempt all questions.

(ii) Assume suitable data, if necessary.

(iii) Draw well labelled diagram if necessary.

1. Attempt any four questions of the following : 8

(a) What is HTML ?

(b) What is MAN ?

(c) Define Broadband.

(d) What is TCP/IP ?

(e) What is internet ?

(f) Define DNS.

2. Solve any two of the following : 8

(a) Explain network topologies.

(b) Explain Routing algorithm.

(c) Explain Telephone network system.

3. Solve any two of the following : 8

(a) Explain satellite television network.

(b) Explain concept of “Security” in computer.

(c) Explain the cellular radio networks.

P.T.O.

4. Solve any *one* of the following :

8

- (a) Explain IP Addresses in detail.
- (b) Explain TCP/IP Reference model in detail.

5. Write short notes on any *two* :

8

- (a) E-mail
- (b) Internet services
- (c) Fiber optic cable
- (d) Client and server technology.