(4)

Unit-I V   7½

8. (a) Explain the Difference between Network

Protocol Data Unit (NPDU) & Data Proto-

col Data Unit (DPDU)

(b) What is Token Ring Protocol

9. Write short notes on the following :

(i) Eather Net

(ii) Gate Way

(iii) SMTP

A   (Printed Pages 4)

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B.A. (Part – III) Examination, 2015

COMPUTER APPLICATION

Second Paper

(Advance Topic in Computer)

(Old Syllabus)

Time Allowed : Three Hours]   *[Maximum Marks : 50*

Note : Answer five questions in all. Question No.
1 is Compulsory. Attempt one question
from each unit.

1. Answer the following.   2x10

(a) What is Network Architecture

(b) What is Synchronous cryptography?

(c) What is ATM model?

(d) What is transmission mode explain all
type of transmission mode.

(e) Write the situation where data Link layer become fail.

(f) What is data compression.

(g) What is CSMA-CD Protocol

(h) What is FTP

(i) Define circuit switching

(j) What is Artificial Intelligence.

Unit-I   7½

2. (a) Explain the role of Animation in education

(b) Write the name & minimum two features of any two Animation Software .

(c) Write the Hardware & software require-ment for Animation.

3. What are the difference between multimedia and Animation. Are they dependent or inter dependent with each other.

Unit-II   7½

4. (a) What is semantic Net. How it is used to represent the knowledge

(b) Explain main features of expert system.

5. What is searching. Describe blind & informed searching, give one example of blind search & informed search algorithm.

Unit-III   7½

6. (a) Differentiate between Network security and Data security.

(b) What is mesh Topology. What are their advantages and Disadvantages.

7. Write Short notes on the following

(i) VIRUS & WORM

(ii) TCP/IP

(ii) Congetion Control