Roll No. ☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02

Total No. of Questions : 18

B.Tech (CSE)   (Sem.–6)
ASYNCHRONOUS TRANSFER MODE
Subject Code : CS-306
Paper ID : [A0472]

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :
1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

1) ATM

2) CBR

3) Idle Cell

4) Priority Control

5) ATM Switching

6) B-ISPN

7) AAL

8) QoS

9) SAR Sub Layer

10) Cell Transfer Delay

SECTION-B

11)   What function does ATM layer provide?

12)   Describe ATM OEM functions.

13)   Explain generic flow control in brief.

14)   What is in band and out band signaling in ATM?

15)   What is the use of idle cells in ATM?

SECTION-C

16)   Describe in detail ATM layer performance measurements.

17)   Explain the meaning of various fields of ATM cell header structure.

18)   Discuss the ATM based protocol inter networking in detail.