

SECTION – B

UNIT – I

2. How many layers are used in the OSI Reference Model ? Which principals were applied to arrive at this model ? Describe the Transport Layer giving at least one example of the standard at this layer.
3. What is Cryptography ? What is the purpose of cryptography ? Describe the types of cryptography algorithms. Are encryption & Decryption related to Cryptography ?

UNIT – II

4. What information technology and infrastructure is required by business organizations for warehousing, sharing and analyzing data and information with partners, competitors and stakeholders in a networked economy ?
5. Describe the following key infrastructural issues of a networked economy :
 - (a) Connectivity
 - (b) Cost-effective Resource Sharing
 - (c) Support for common Services
 - (d) Performance

UNIT – III

6. What are the unethical practices prevalent in a networked economy ? Cite examples and suggest suitable measures.

7. How excessive use of smart phones and computer systems by the people is impacting their health ? Cite health issues and specify various guidelines issued in this regard.

UNIT – IV

8. (a) Explain how multimedia documents are added in web pages ?
(b) Which different graphics files can be inserted into HTML documents ? Explain the suitability in different circumstances.
9. (a) Explain how images can be added and formatted in HTML documents ?
(b) Which different graphics files can be inserted into HTML documents ? Explain their suitability in different circumstances.

24006

B.Tech. 2nd Semester F-Scheme
(Common for All Branches) Examination,
May-2019

**FUNDAMENTALS OF COMPUTER &
PROGRAMMING IN "C"**

Paper-CSE-101-F

Time allowed : 3 hours]

[Maximum marks : 100

*Note : Students are required to attempt any five questions,
selecting at least one question from each section.*

Question No. 1 is compulsory

1. Write short notes on following : 20
- (a) Microprocessor
 - (b) Multiprocessor operating system
 - (c) Compiler
 - (d) Topology
 - (e) Character arrays and strings

Section-A

2. (a) What are different components of a computer ?
Explain briefly with the help of a suitable block
diagram. 10
- (b) What is the use of Input Device ? Explain any
four input devices briefly. 10