S.D.E.

B.B.A. (2006 COURSE) SEM-V : SUMMER - 2018

SUBJECT : ELECTIVE – I: e) NETWORKING (SYSTEMS)

Day : **Friday** **S-2018-4318** Time : **02.00 PM TO 05.00 PM**

Date : **08/06/2018** Max. Marks : 80

N.B.:

1) Attempt **ANY FIVE** questions from Section – I and attempt **ANY TWO** questions from section – II.
2) Answers to both the sections should be written in the **SEPARATE** answer books.
3) Figures to the right indicate **FULL** marks.

SECTION – I

Q.1 What do you mean by Computer Network? Explain the advantages of Computer Network. **[10]**

Q.2 Explain different layers of OSI model with diagram. **[10]**

Q.3 What is ISO? Explain different ISO standards. **[10]**

Q.4 Explain full duplex data transmission in detail. **[10]**

Q.5 Explain the advantages and disadvantages of connection oriented and connectionless networks. **[10]**

Q.6 What do you mean by protocol? Explain TCP/IP protocol. **[10]**

Q.7 Explain different types of Network devices. **[10]**

Q.8 Explain the characteristics of Local Area Network. **[10]**

SECTION – II

Q.9 What do you mean by Network Topology? Explain different types network topologies with their advantages and limitations. **[15]**

Q.10 Explain different transmission modes. **[15]**

Q.11 Write short notes on **ANY THREE** of the following: **[15]**

a) Multiplexer

b) Hub

c) Types of cables

d) Router

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