

S.D.E.

B.B.A. (2006 COURSE) SEM-V : WINTER - 2017
SUBJECT : ELECTIVE – I: e) NETWORKING (SYSTEMS)

Day : **Monday**

Time : **10.00 AM TO 1.00 PM**

Date : **18/12/2017**

W-2017-4127

Max. Marks : 80

N.B.:

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

- Q.1** What is Computer Network? State the advantages of Computer Network. [10]
- Q.2** Explain in detail data transmission mode. [10]
- Q.3** State the software and hardware protocol and explain the functionalities of protocol. [10]
- Q.4** Discuss the goals of layered protocol and specify the example of protocol. [10]
- Q.5** Explain microwave transmission in detail. [10]
- Q.6** Write short notes on **ANY TWO** of the following: [10]
- a) Switch
 - b) Bridge
 - c) Router
- Q.7** Explain OSI layers with suitable diagram and its functionalities. [10]
- Q.8** What is Network Topology? Explain different network topologies. [10]

SECTION – II

- Q.9** Explain the characteristics of Local Area Network and Wide Area Network [15]
- Q.10** Explain OSI layers and their functionalities. [15]
- Q.11** Explain Multiplexer and Router in detail. [15]

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