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SB—508—2022

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Second Year) (Fourth Semester) EXAMINATION

JUNE/JULY, 2022

(CBCS/New Pattern)

COMPUTER SCIENCE

Paper—VIII

(Computer Network)

(Wednesday, 13-7-2022)

Time : 2.00 p.m. to 4.30 p.m.

Time— 2½ Hours

Maximum Marks—40

1. Explain OSI Reference model in detail. 15
Or
 - (a) Explain data Transmission modes; 7
 - (b) What is network ? Types of network. 8
2. Explain Network topologies in detail. 15
Or
 - (a) Explain domain name system. 7
 - (b) Explain structure of telephone system. 8
3. Write short notes on (any two) : 10
 - (a) Protocol hierarchies;
 - (b) Modem;
 - (c) E-mail architecture;
 - (d) Web server.

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