SARDAR PATEL UNIVERSITY
SYBBA-ITM SEMESTER – IV (CBCS) EXAMINATIONS – 2019
UM04EBBI10: INTERNET TECHNOLOGIES
Monday, 15th April, 2019

Time: 10.00 AM to 12.00 PM   Max. Marks: 60

Q-1
(A) Explain Maturity Levels and Requirement levels of Internet Standards.   [10]
(B) What is protocol? Explain elements of protocol.   [5]

<div align="center">OR</div>

Q-1 Explain various protocols under TCP/IP Protocol Suite and their functions in   [15]
detail.

Q-2
(A) What is an IP Address? List and explain different types of classes of an IP   [10]
addresses v4.
(B) Write note on: Subnetting   [5]

<div align="center">OR</div>

Q-2 Explain IPv4 header (IPv4 Datagram) with diagram in detail.   [15]

Q-3 Write a detailed note on ICMP.   [15]

<div align="center">OR</div>

Q-3
(A) Explain port number in detail.   [8]
(B) Explain three-way handshaking in detail.   [7]

Q-4
(A) Write note on: FTP   [8]
(B) Write note on: DHCP   [7]

<div align="center">OR</div>

Q-4 Write a detailed note on DNS.   [15]

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