

B.Sc.(IT) Semester - 4 (CBCS) Examination**March/April-2024 [OLD COURSE]****CS-21 NETWORK TECHNOLOGY AND ADMINISTRATION(CORE)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que-1(A) Answer the following questions. (04)
1. FDDI stands for _____.
 2. CDDI stands for _____.
 3. TCP/IP stands for _____.
 4. OSI stands for _____.
- Que-1(B) Answer the following questions. (ANY ONE) (02)
1. What is Communication Methods?
 2. What is Network Access Methods?
- Que-1(C) Answer the following questions. (ANY ONE) (03)
1. Explain network services.
 2. Explain network models.
- Que-1(D) Answer the following questions. (ANY ONE) (05)
1. Explain OSI reference model with 7 layers.
 2. What is Network Topologies? Explain different network topologies.
- Que-2(A) Answer the following questions. (04)
1. EMI stands for _____.
 2. TDM stands for _____.
 3. What is Bandwidth?
 4. What is multiplexing?
- Que-2(B) Answer the following questions. (ANY ONE) (02)
1. What is DSL?
 2. What is ADSL?
- Que-2(C) Answer the following questions. (ANY ONE) (03)
1. Explain Multiplexing Types.
 2. Explain Switching Technique.
- Que-2(D) Answer the following questions. (ANY ONE) (05)
1. Explain WIRELESS NETWORK DEVICES.
 2. Explain Transmission Media.
- Que-3(A) Answer the following questions. (04)
1. HTTP stands for _____.
 2. FTP stands for _____.
 3. SMTP stands for _____.
 4. POP3 stands for _____.
- Que-3(B) Answer the following questions. (ANY ONE) (02)
1. Explain ARP.
 2. Explain TCP/IP.
- Que-3(C) Answer the following questions. (ANY ONE) (03)
1. Explain routing protocol.
 2. Explain AppleTalk.

- Que-3(D) Answer the following questions. (ANY ONE) (05)
1. Explain types of routing.
 2. Explain IPX/SPX.
- Que-4(A) Answer the following questions. (04)
1. CIDR stands for _____.
 2. MMC stands for _____.
 3. _____ is a way of partitioning a network at the IP level by dividing a block of addresses into a number of smaller sets.
 4. What is user accounts?
- Que-4(B) Answer the following questions. (ANY ONE) (02)
1. What is IP address?
 2. List out Types of ip address.
- Que-4(C) Answer the following questions. (ANY ONE) (03)
1. Explain Basic structure of ipv6.
 2. Explain Various editions of windows 2008 server.
- Que-4(D) Answer the following questions. (ANY ONE) (05)
1. Explain Installation of 2008 enterprise server.
 2. Explain Logging Events.
- Que-5(A) Answer the following questions. (04)
1. CIA stands for _____.
 2. VPN stands for _____.
 3. PPTP stands for _____.
 4. ISDN stands for _____.
- Que-5(B) Answer the following questions. (ANY ONE) (02)
1. What is lease line?
 2. What is dial up?
- Que-5(C) Answer the following questions. (ANY ONE) (03)
1. Explain GPS.
 2. Explain GPRS.
- Que-5(D) Answer the following questions. (ANY ONE) (05)
1. Explain Security methods.
 2. Explain proxy server and firewall.
