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MASTER OF COMPUTER APPLICATIONS
(Specialization in Cloud Technology)/ (Specialization in Data Science)
EXAMINATION :MAY - 2024
SEMESTER - II
Sub: Computer Networks ((MCCL 23-202/MCDS 23-202))

Date :23/5/2024

Total Marks : 60

Time: 10.00 am to 12.30 pm

Instruction:

1. All questions are compulsory unless and otherwise stated.
2. Bold figures to the right of every question are the maximum marks for that question.
3. Candidates are advised to attempt questions in order.
4. Answers written illegibly are likely to be marked zero.
5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
6. Draw neat and labelled diagram wherever necessary.

Q.1. Answer the following in 2-3lines. (Any 5) (10)

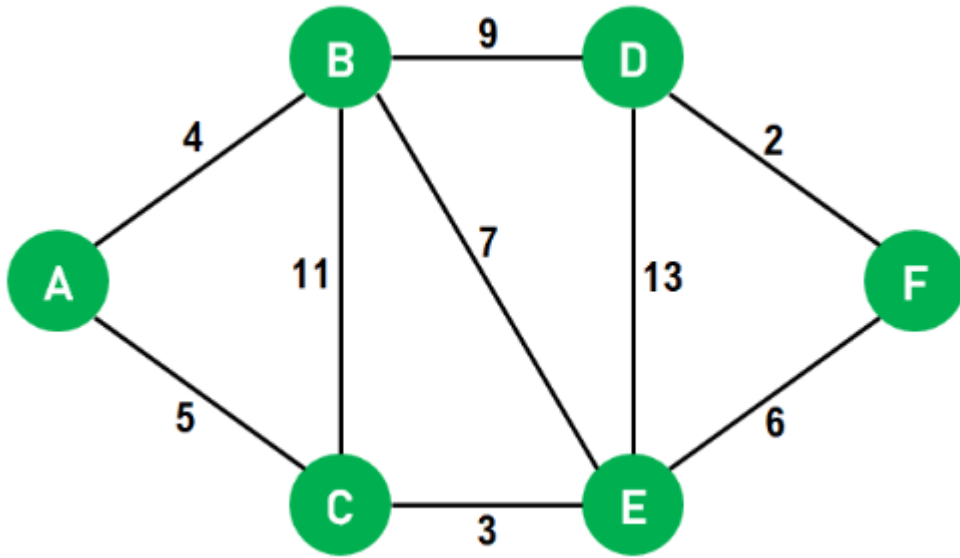
1. List out types of multiplexing.
2. What is error correction?
3. What is flooding?
4. What is UDP?
5. What is TELNET?
6. List out Component of DHCP.
7. What are the standards of protocols?

Q. 2. Answer the following in short. (Any 4) (20)

1. Explain Different data types in computer networks.
2. Write a short note on CRC.
3. Differentiate between IPV4 and IPV6.
4. Explain Leaky Bucket algorithm.
5. Write a short note on WWW.
6. Write a short note on HTTP.

Q. 3. Answer the following in detail. (Any 3) (30)

1. Describe OSI Model in detail.
2. Explain stop and wait protocol in detail.
3. Find the minimum distance of below graph by using Dijkstra's Algorithm



4. Describe transport services in detail.
5. Define DNS. Explain types of DNS in detail.
