



BRAINWARE UNIVERSITY

Term End Examination 2023-2024

Programme – Dip.CSE-2022

Course Name – Computer Networks

Course Code - DCSE-PC405

(Semester IV)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Identify which of the following are transport layer protocols used in networking.
- | | |
|----------------|-----------------|
| a) TCP and FTP | b) UDP and HTTP |
| c) TCP and UDP | d) HTTP and FTP |
- (ii) Predict which of the following allows LAN users to share computer programs and data?
- | | |
|-------------------------|-----------------|
| a) File server | b) Network |
| c) Communication server | d) Print server |
- (iii) Identify when a DNS server accepts and uses incorrect information from a host that has no authority giving that information, then it is called
- | | |
|-----------------|--------------------|
| a) DNS lookup | b) DNS hijacking |
| c) DNS spoofing | d) DNS authorizing |
- (iv) Identify during datagram switching, the packets are placed in _____ to wait until the given transmission line becomes available.
- | | |
|----------|------------------|
| a) Stack | b) Queue |
| c) Hash | d) Routing table |
- (v) Select the correct option regarding computer networks.
- | | |
|--|--|
| a) A device used to display information on a computer screen | b) A collection of interconnected computers and devices that can communicate and share resources |
| c) A type of software used to create documents and presentations | d) The physical casing that protects a computer's internal components |
- (vi) Select from following that is not a function of network layer?
- | | |
|-----------------------|---------------------|
| a) congestion control | b) error control |
| c) routing | d) inter-networking |
- (vii) Indicate that when collection of various computers seems a single coherent system to its client, then it is called _____
- | | |
|---------------------|-----------------------|
| a) computer network | b) distributed system |
|---------------------|-----------------------|

Minimum Hamming Distance.

11. Illustrate the advantages of optical fibre over twisted pair and coaxial cable.
12. Compare static NAT with dynamic NAT

(5)
(5)

OR

Evaluate the role of post office protocol.

(5)
