



UNIVERSITY OF THE PUNJAB

Seventh Semester – 2019

Examination: B.S. 4 Years Program

Roll No. in Fig.

Roll No. in Words.

PAPER: Network Management and Administration
Course Code: IT-401 Part-I (Compulsory)

MAX. TIME: 15 Min.
MAX. MARKS: 10

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Signature of Supdt.:

Attempt this Paper on this Question Sheet only.

Please encircle the correct option. Division of marks is given in front of each question.

This Paper will be collected back after expiry of time limit mentioned above.

Q.1. Encircle the right answer, cutting and overwriting is not allowed. (10x1=10)

1. A stream of packets from a source to a destination is called data _____.
(a) congestion (b) flow (c) process (d) 8
2. In _____ switching, there is no resource allocation for a packet.
(a) datagram (b) virtual circuit (c) message (d) circuit
3. Communication between the Probes and Central Server is:
(a) XML (b) HTML (c) ASP (d) JavaScript
4. Which one is not a ATM Service:
(a) ABR (b) SBR (c) VBR (d) None
5. Which of the following is not a valid VTP mode?
(a) Server (b) Client (c) Transparent (d) Hybrid
6. How many kinds of information RMON can collect:
(a) 11 (b) 9 (c) 7 (d) 5
7. Server side scripts are executed on _____.
(a) NIC (b) Router (c) Server (d) Client computer
8. DMI keeps track of _____.
(a) Hardware (b) Software (c) Data (d) both a and b
9. To solve the looping problem, bridges on LAN use the _____ algorithm, to create a loop less topology.
(a) Spanning tree (b) Distance Vector (c) Dijkstra's (d) none
10. What will allow a host on VLAN 40 on switch X to communicate with a host in VLAN 40 on switch Y?
(a) QoS (b) Routing (c) Trunking (d) VPN



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PAPER: Network Management and Administration

Course Code: IT-401 Part – II

MAX. TIME: 2 Hrs. 45 Min.

MAX. MARKS: 50

ATTEMPT THIS (SUBJECTIVE) ON THE SEPARATE ANSWER SHEET PROVIDED

Q 2: Answers the following short questions: (10 x 02 = 20)

- 1) What is the role of enumerated integer in fault monitoring?
- 2) Discuss any one traffic monitoring tools?
- 3) Differentiate between SNMP2 AND snmp3?
- 4) How to add a folder to the favorites list in windows XP?
- 5) What is the difference between public and private IPs, define with example?
- 6) Differentiate between manager and agent in network management?
- 7) What is the functionality of probe in RMON?
- 8) What are the Four Differences between Workgroup and Domain in windows networking?
- 9) What is the difference between share and security permissions?
- 10) What are the four functional areas of Network management?

Q 3: Long Question: (10 x 03 = 30)

- 1) a) How to administrate users and manage disks in Linux operating system?
b) How NFS work for remote file access for end server system?
- 2) a) What is the process of detecting problems in fault management?
b) Do you need an NMS? why?
- 3) Write short notes on:
(a) Transport mapping.
(b) Access List.