Tribhuwan University
Institute of Science and Technology
2069
Internet Technology

Full Marks : 60
Pass Marks : 24
Time : 3 hours

New Course

Candidates are required to give their answers in their own words as far as practicable.
The figures in the margin indicate full marks.

Attempt any five questions.

1. a. Explain the internet Domain and Domain Name System. <8>
    b. What do you mean by Teleports and terrestrial links? Explain. <4>

2. a. Define TCP/IP. Differentiate between IPV4 and IPV6. <2+6>
    b. Explain internet RFCS. <4>

3. a. Explain the N-Tired Client/Server Architecture. <8>
    b. Define the terms PGP and POP. <4>

4. a. Define HTTP. Differentiate between HTML and DHTML. <2+6>
    b. What do you mean by AJAX? <4>

5. a. Explain the designing of Internet System network architecture. <8>
    b. What do you mean by content filtering. <4>

6. Explain the intranet implementation guidelines. What are the benefits and
    drawbacks of intranets. <8+4>

7. Write short notes on <u>any three</u> : <4*3=12>
    a. IMAP
    b. RADIUS
    c. VPN
    d. IRC
    e. Cloud Computing