

Tribhuvan University
Institute of Science and Technology
2071
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Bachelor Level / Fourth Year /Seven Semester/Science
Computer Science and Information Technology-(CSc.402)
(Internet Technology)
(NEW COURSE)

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

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 history and development of Internets and Intranets. (8)
(b) Explain the Domain Name system and its uses. (4)
2. (a) Discuss the IP layer and its important. (4)
(b) Explain the IPV4 and IPV6 with header structure. (8)
3. (a) Explain the Universal Internet Browsing. (4)
(b) ~~Mention the different types of protocols and compare them.~~ (8)
4. (a) Differentiate between WML and XML. (4)
(b) Explain the WYS/WYG Authoring tools. (8)
5. (a) Explain the load balancing and its applications. (8)
(b) Define the cookies. (4)
6. (a) Explain the tunneling protocols with example. (8)
(b) What are the benefits and draw backs of intranets? (4)
7. Write short notes on (**any three**): (4x3=12)
 - (a) Tele ports
 - (b) Internet RFCs
 - (c) Multi protocol support
 - (d) NET applications
 - (e) Data centers