

S.No. 5209

16 SNMECA 1/16 SNMECS 1

(For candidates admitted from 2016-2017 onwards)

U.G. DEGREE EXAMINATION, APRIL 2022.

Part IV — Computer Applications/Computer Science -
Non Major Elective

WORKING PRINCIPLES OF INTERNET

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20)

Answer ALL questions.

1. Define WAN.
2. Differentiate packet-switched network with circuit-switched network.
3. What are the fastest Internet connections?
4. Write the television and Internet merging ways.
5. What are types of web organizational structure?
6. What is HTML?
7. Write the use of *streaming audio*.

8. What is mean by podcasting?

9. What is Proxy server?

10. Define *smurfing*.

PART B — ($5 \times 5 = 25$)

Answer ALL questions, Choosing either (a) or (b)

11. (a) How client server communication is maintained? Explain.

Or

(b) How Router works? Explain.

12. (a) Explain the process of connecting internet using dial-up modem.

Or

(b) Discuss the concepts of set-top box.

13. (a) Describe the concepts of web pages.

Or

(b) What are the types of web server software? Explain.

14. (a) Explain about the file sharing technology peer-to-peer.

Or

(b) What are the different ways to create animation? Explain.

15. (a) Write the dangers of wireless network.

Or

(b) Explain the concepts of cookies.

PART C — ($3 \times 10 = 30$)

Answer any THREE questions.

16. Explain how client server architecture works.

17. How Wireless Connections and Wi-Fi Work? Explain.

18. Briefly describe the working process of web browser.

19. Discuss the concepts of Virtual Reality.

20. Explain the dangers of Spyware and Phishing.