

S.No. 8218

**16 SNMECA 1/
16 SNMECS 1**

(For candidates admitted from 2016–2017 onwards)

U.G. DEGREE EXAMINATION, NOVEMBER 2022.

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

WORKING PRINCIPLES OF INTERNET

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20)

Answer ALL questions.

1. What is mean by URL?
2. Define HTTP.
3. What is mean by FTP?
4. Explain the gateways.
5. What is use of IRC?
6. Define the packets.
7. List out the features of XML.

8. Explain the CGI and DNS.
9. What is the use of virtual reality?
10. Explain the working principles of cryptography.

PART B — ($5 \times 5 = 25$)

Answer ALL questions, choosing either (a) or (b).

11. (a) Detail discussion about the TCP/IP in network.

Or

- (b) Explain the structure of Switch and Router in detail.

12. (a) What is mean by Point to Point protocol? Explain.

Or

- (b) Discuss the IRC working principles.

13. (a) Write down the structure of URL? Explain.

Or

- (b) Explain the working principles of gophers in Internet.

14. (a) Discuss the virtual reality with example.

Or

- (b) Explain the shockwave in detail.

15. (a) Write a note on pretty good privacy.

Or

- (b) Discuss the secure web documents.

PART C — ($3 \times 10 = 30$)

Answer any THREE questions.

16. Explain the physical components of Internet.

17. Discuss about the history of Internet.

18. What is mean by FTP and Telnet? Explain.

19. Discuss the Audio and Video formats in multimedia.

20. Explain the Viruses and hackers are handled in Internet.