

S.No. 5161 NMECA 1/NMECS 1/NMESD 1

(For candidates admitted from 2008–2015 Batch)

U.G. DEGREE EXAMINATION, APRIL 2022.

Part IV — Compute Application/Computer
Science/Software Development – Non Major Elective

WORKING PRINCIPLES OF INTERNET

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20)

Answer ALL the questions.

1. Expand ASCII and EBCDIC.
2. Define Router
3. What is cable modem?
4. What are gateways?
5. Define: Cascading Style sheet.
6. What is URL?
7. State the purpose of MBone.
8. Define Firewall.

9. What is the purpose of ping?

10. Define Worms.

PART B — ($5 \times 5 = 25$)

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

11. (a) Explain Internet file types in detail.

Or

(b) List down the benefits of Networks.

12. (a) Explain IRC. Explain how IRC works.

Or

(b) What is usenet? Explain how usenet works?

13. (a) Explain (i) HTML (ii) Scripting Language.

Or

(b) Describe the parts of URL.

[http://www.company.com:81/a/b/c.html?](http://www.company.com:81/a/b/c.html?user=alice&year=2008#p2/)
user=alice&year=2008#p2/

14. (a) How does the streaming video work?

Or

(b) Explain the working principle of VR.

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15. (a) Write short notes on Digital certificates.

Or

(b) Explain the working principle of firewalls in the networks.

PART C — ($3 \times 10 = 30$)

Answer any THREE questions.

16. Discuss in detail about routers and DNS server.

17. How Email Span work? Explain briefly.

18. Discuss in detail about the concept of FTP and Telnet

19. Describe about Audio and Video formats in Multimedia.

20. Describe about Risk Analysis in Internet Security.

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