IV Semester B.C.A. Examination, July/August 2024
(NEP Scheme)
COMPUTER SCIENCE
4.3 : Internet Technologies

Time : 2½ Hours

Max. Marks : 60

Instructions : 1) Answer **all** the Parts.

2) Answer **any four** from **each** Part.

PART – A

Answer **any four** questions. **Each** carries **2** marks.

(4×2=8)

1. What is URL ?

2. Define HTTP cache.

3. What is a cookie ?

4. What is a confusion matrix ?

5. Name any 4 web designing tools.

6. What is sentiment analysis ?

PART – B

Answer **any four** questions. **Each** carries **5** marks.

(4×5=20)

7. Explain HTTP request. Mention any four methods.

8. What is client-side scripting and server-side scripting ? Explain the differences.

9. Explain web 3.0.

10. What is a list in HTML ? Explain different types of lists (give example).

11. Explain the difference between PHP and node JS.

12. What is NOSQL ? Explain difference between NOSQL and SQL.

PART – C

Answer **any four** questions. **Each** carries **8** marks. (4×8=32)

13. Explain search engine architecture with a neat diagram. **8**

14. a) Explain search tools and search service.

    b) What is Bootstrap ? **(4+4)**

15. a) Explain the steps required for building an application using angular JS.

    b) Explain web mining in detail. **(4+4)**

16. a) Briefly explain web application frameworks.

    b) What is CSS ? How can CSS be incorporated a document ? **(4+4)**

17. a) Explain the terms Precision and Recall.

    b) Explain File Transfer Protocol (FTP). **(4+4)**

18. Write a program to create a HTML form by using various attributes of input tags (text box, multiline text box, option button, check box). **8**

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