

Reg. No. :
Name :

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H – 3421

Eighth Semester B.Tech. Degree Examination, November 2019

08.806 (4) : INTERNET TECHNOLOGY (R)

(Elective IV)

(2008 Scheme)

Time : 3 Hours

Max. Marks : 100

PART – A

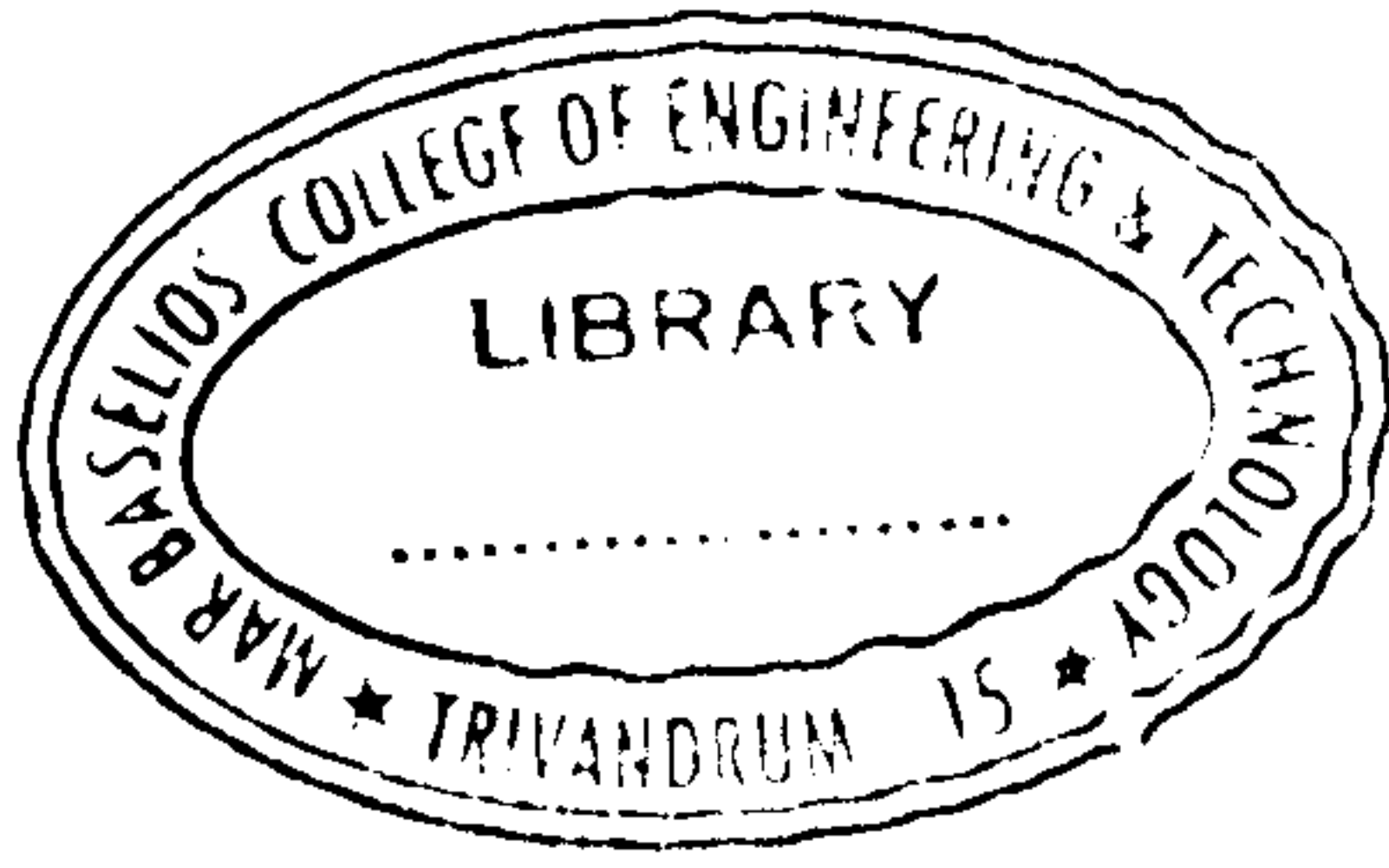
Answer **all** questions. Each question carries **4** marks.

1. Differentiate HTML, XHTML, and DHTML.
2. Why is CSS used in web development? Explain.
3. Create a simple Java Script form with data validation for patient registration at hospital.
4. What can XML be used for and how? Give example.
5. Explain the working of SET protocol.
6. What are the three basic stage of operation for a search engine? How does search engines help e-commerce?
7. What are the advantages and disadvantages of combining NAT with VPN?
8. How does the BOOTP overcome the limitations of RARP protocol?
9. What are the characteristics of HTTP?
10. Explain the FTP process model.

(10 × 4 = 40 Marks)

P.T.O.





PART – B

Answer any **one** question from each module. Each question carries **20** marks.

Module I

11. (a) What are the important considerations in developing a website for a business.
(b) Using PHP, describe how a session is managed and what are its possible uses?

OR

12. (a) How does DOM access and manipulate HTML and XML documents.
(b) Why do we need an XML schema? Explain its features with example.

Module II

13. (a) What are the needs of helper applications and plugins? How can a plugin be integrated to the browser?
(b) Explain the anatomy of e-commerce in detail.

OR

14. (a) Write notes on :
(i) Electronic Cash
(ii) Electronic Wallets.
(b) Explain the process of EDI in detail.

Module III

15. (a) Explain the DHCP client state transition with a neat transition diagram.
(b) Explain the working of FTP and TFTP. How is NFS different from them?

OR

16. (a) Explain how VPN works to establish a private network in WAN.
(b) Explain the implementation of NAT.

(3 × 20 = 60 Marks)

