

Exam. Code : 107204

Subject Code : 2071

BCA Semester—IV

INTERNET APPLICATIONS

Paper—III

Time Allowed—3 Hours]

[Maximum Marks—75

Note : Attempt any **five** questions. All questions carry equal marks.

1. What is Internet ? Briefly explain the working of Internet. Also explain different methods of connecting to the Internet.
2. What is the need of IP addresses ? Which format is used to store the IP addresses ? Explain and differentiate different classes of IP address with an example of each.
3. What is meant by "uniform resource locator" ? Give an example of 'URL' and explain the meaning of its various fields.
4. What is the purpose of layering ? How many layers does the TCP/IP Protocol Suit Contain ? Explain the function of each layer of TCP/IP Protocol Suit.
5. What is the significance of Domain Name System ? List any three geographic and non-geographic domain names.

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6. Explain the working of electronic mail. Describe how SMTP is used in e-mail applications.
7. Define a Search Engine. What are different types of Search Engines ? Give any 4 URL's of search engines. Also, write the essential features of any one search engine.
8. Differentiate between intranet and extranet. List and explain any six benefits that an organization can draw from intranet applications.

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