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B.E./B.Tech.(Full Time) DEGREE END SEMESTER EXAMINATIONS, NOV/DEC 2013

ELECTRONICS AND COMMUNICATION ENGINEERING BRANCH

SIXTH SEMESTER

EC 9087 – INTERNET AND JAVA

(REGULATIONS 2008)

Duration: 3 Hours

Max.marks:100

Answer ALL questions

PART-A (10x2=20 Marks)

1. Draw the block diagram for the organization of the Internet.
2. List the actions to be taken for avoiding e-mail viruses.
3. What are the tools available to enable information searches in WWW?
4. What is the role of web audio files?
5. Define mapping array.
6. Write a way to give an object method.
7. Why is dynamic binding called late binding?
8. Define sequence error.
9. What files are executable web scripts?
10. Compare Query Clause and Select Clause.

PART-B (5X16=80 Marks)

11. Discuss how a PC is connected to the Internet service and explain the tools used to find information in Internet. (16)

12.(a)Discuss the applications of file transfer protocol. How do you optimize web graphics. (16)

OR

12.(b)Explain the website creation concepts. Discuss URL encoding and headers with respect to HTTP. (16)

13.(a)Explain the functional programming based on abstraction and higher order functions. (16)

OR

13.(b) Explain the constructors and proto types of object oriented program. (16)

14.(a) Describe the fundamentals of classes. Explain the methods used to manage threads. (16)

OR

14.(b) Briefly discuss the life cycle of a servlet. How do you create multiple threads. (16)

15.(a) Explain the web server components and document tree organization starting from web server technology. (16)

OR

15.(b) Explain how you create and populate a MySQL database. (16)