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**B.E./B.Tech.(Full Time) DEGREE END SEMESTER EXAMINATIONS, APR/MAY 2014**

**ELECTRONICS AND COMMUNICATION ENGINEERING BRANCH**

**SEVENTH SEMESTER**

**EC 9086 – WEB TECHNOLOGY**

**(REGULATIONS 2008)**

**Duration: 3 Hours**

**Max.marks:100**

**Answer ALL questions**

**PART-A (10x2=20 Marks)**

1. Write the proto types of object oriented program.
2. Write a way to give an object method.
3. Define web page.
4. Give examples for web browser.
5. What are the characteristics of remote interface?
6. What are Applets?
7. Write the delivery advantage of web publishing.
8. Define HTML character entities.
9. What does reference counting assume?
10. When the server is started what is its task?

**PART-B (5X16=80 Marks)**

11. Describe the 2-D arrays with variable declaration. How do you create external class? (16)
- 12.(a) Describe the fundamentals of classes. Explain the methods used to manage threads. (16)
- OR**
- 12.(b) What is meant by protocol? Name various protocols associated with WWW and explain. (16)
- 13.(a)(i) Illustrate how classes are downloaded from a client to a server and from a server to a client using RMI. (8)
- (ii) Explain various steps in developing and running RMI applications. (8)
- OR**
- 13.(b)(i) Explain the process of remote job execution scenario. (8)
- (ii) Explain the execution sequence of Java RMI framework with block diagram. (8)
- 14.(a) With proper discussion on page layout explain the relation between HTML and Internet. (16)
- OR**
- 14.(b) Explain the client methods and server response codes with reference to HTTP. (16)

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

**OR**

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