**Module 3: RIA**

1. Explain in detail architecture of mashups in JSON implementation with neat diagram.
2. Short Note on: RIA
3. Explain about the objects that helps AJAX reload parts of a web page. Without reloading the whole page.
4. Explain in detail Architecture of a simple Mashup on the web server. List out its advantages and disadvantages.
5. Explain in detail RUI implementation using AJAX with neat diagram.
6. Draw the diagram for AJAX application model and traditional web application model and compare them.
7. What are two methods in Ajax to update part of web page? Describe them in detail.
8. Explain the following AJAX patterns with one example. a.Submission throttling b. Predicitve fetch c. Fallback patterns.
9. What do you mean by JSON? Why Use JSON over XML?
10. Define and describe mash ups. What are the primary reasons for the success of mashups?
11. Explain characteristics of RIA
12. Explain web server mashup architecture

**Module 4: PHP**

1. Differeniate between GET and POST method.
2. Explain PHP string function.
3. what is session tracking? What are the ways to do session?How session tracking is done in PHP
4. Explain feature of PHP framework
5. How to connect to MySQL database using PHP.
6. Short note on: Cookies and sessions.
7. Write a PHP Program to insert a record into MYSQL database.
8. Write a program to accept username and password fields from the user in form; store and display it using PHP-MySQL.
9. How to create database connectivity?
10. How to run Mysql query using PHP?
11. Write a program using PHP to create customer table.
12. Write a program for selecting data from database.
13. What are the uses of PHP?
14. List datatypes in PHP.
15. What are indexed arrays?
16. What are associative arrays? Write a program to explain use of associative array.
17. What are multidimensional arrays?
18. Explain syntax for for, while, do..while and switch case statemnt in PHP with example.
19. Exaplin foreach loop with example.

**Module 5:Web Extensions & Web Sevices**

1. XML and HTML.
2. What do you understand by web service? Explain with example?
3. Short Note on: XSL, REST
4. Explain the function of web server.
5. What is XML and XSLT? Explain with an example.
6. What are XML sitemap? Name some different types of sitemaps. Also explain main benefits of using XML sitemaps.
7. Short Note on: WSDL, SOAP, UDDI.
8. Describe the significance & working of WSDL with an example.
9. What are the characteristics of REST Wss?
10. Explain service oriented architecture.