UNIT- III

Java Servlets and XML

Syllabus

Servlet: Servlet architecture overview, A "Hello World" servlet, Servlets generating dynamic Servier Servlet life cycle, parameter data, sessions, cookies, URL rewriting, other Servlet capabilities, data storage, Servlets concurrency, databases (MySQL) and Java Servlets.

XML: XML documents and vocabularies, XML declaration, XML Namespaces, DOM based XML

processing, transforming XML documents, DTD: Schema, elements, attributes.

AJAX: Introduction, Working of AJAX.

Contonts

Con	itents
3.1	Introduction to Server Side Programming
3.2	Servlet Architecture Overview
3.3	A "Hello World" Serviet
3.4	Servlets Generating Dynamic Content
3.5	Servlet Life Cycle
3.6	Servlet API
3.7	Parameter Data
3.8	Sessions
3.9	Cookies Dec19, Marks 5
3.10	URL Rewriting
3.11	Other Servlet Capabilities
3.12	Data Storage
3.13	Servlets and Concurrency
3.14	Databases (MvSQL) and Java Servlets
3.15	XML Documents and Vocabularies Dec18, 19, May-19,
3.16	XML Declaration

/eb Technology 3 - 2		Java Servlets and XML	
3.17	Rules		- VIVI
3.18	XML Namespaces		
3.19	Document Type Definition (DTD)		Marko s
3.20	Schema	May-18,	Marks 5
3.21	DOM based XML Processing		
3.22	Transforming XML Documents		0, Marks 5
3.23	Introduction		
3.24	Working of AJAX		,
3.25	XMLHttpRequest Object		
3.26	Coding AJAX Script	Dec18, 19, May-1	18,19 Marks 8
3.27	Multiple Choice Questions		

UNIT - IV

JSP and Web Services

JSP: Introduction to Java Server Pages, JSP and Servlets, running JSP applications, Basic JSP, JSP: Introduction to Java Server Pages, JSP and Servlets, running JSP applications, Basic JSP, JSP: Introduction to Java Server Pages, JSP and Servlets, running JSP applications, Basic JSP, JSP: Introduction to Java Server Pages, JSP and Servlets, running JSP applications, Basic JSP, JSP: Introduction to Java Server Pages, JSP and Servlets, running JSP applications, Basic JSP, JSP: Introduction to Java Server Pages, JSP and Servlets, running JSP applications, Basic JSP, JSP: Introduction to Java Server Pages, JSP and Servlets, running JSP applications, Basic JSP, JSP and Servlets, and JSP applications, Basic JSP, Support for the Model-View-Controlled and Servlets. Syllabus JSP: Introductions and JSP, Support for the Model-View-Controller paradigm, JSP related JavaBeans classes and JSP. Web Services: Web Service concents Writing a Transfer web Services: JavaBeans Classes: Web Services: Web Service concepts, Writing a Java Web Service, Writing a Java web services: WSDI. Communication Of the Describing Web Services: WSDI. Communication Of the Describing Web Services: WSDI. technologies. The service Services: WSDL, Communicating Object data: SOAP. Struts:

Service client, Describing Web Services: interesting Object data: SOAP. Struts: service chem, 2004P. Struts:

Overview, architecture, configuration, actions, interceptors, result types, validations, localization, actions, localization, actions. exception handling, annotations.

extep	
Contents 4.1 Introduction to Java Server Pages	Marks 5
41 Introduction to Java Co.	
L Convlets	
4.3 Basics of JSF	Marks 5
45 JavaBeans Classes and JSP	Marks 6
4.5 JavaBeans Classes and JSP	
4.7 Web Services Concepts	
4.8 Writing a Java Web Service	
4.9 Describing Web Services: WSDL	
4.10 Communicating Object Data: SOAP	Dec -18 Marks 4
4.11 Overview	Dec18,
4.12 Architecture	6
4.13 Evenution of First Otherto Applications	Marks o
4.14 Configuration	Dec18,19,
4.15 Actions	Dec18,19,Marks 6

4.16	Interceptors	May-18,
4.17	Result Types	
4.18	Validations	
4.19	Localization	
4.20	Exception Handling	
4.21	Annotations	
4.22	Multiple Choice Questi	ons

UNIT- V

Server Side Scripting Languages

pHP: Introduction to PHP, uses of PHP, general syntactic characteristics, Primitives, operations pHP: Introduction output, control statements, arrays, functions, pattern matching, form handling, files, and expressions, output, using MvSOL with PHP WAP and HALL and expressions, such as the NFT Framework. Overview of C# Introduction to ASP.NET: cookies, session ... Introduction to ASP.NET: unu wML. Introduction to ASP.NET Controls, Overview of the .NET Framework, Overview of C#, Introduction to ASP.NET, ASP.NET Controls, Web Services. Overview of Node JS.

Contents 5.1 Introduction to PHP 5.2 General Syntactic Characteristics 5.3 Primitives 5.4 Type Conversion 5.5 Operations and Expressions 5.6 Output 5.7 Statements Control 5.8 Arrays 5.9 Functions 5.10 Built in Functions 5.11 Form Handling 5.12 Pattern Matching 5.13 Files Dec.-19,..... Marks 8 5.14 Cookies

5.27 Multiple Choice Questions

5.17 WAP
5.18 WML
5.19 Introduction to ASP.NET
5.20 Overview of the .NET Framework
5.21 Overview of C#
5.22 Introduction to ASP.NET
5.23 ASP.NET Web Form Model
5.24 ASP.NET Controls
5.25 Web Services
5.26 Overview of Node JS

6

Ruby and Rails

Syllabus

Introduction to Ruby: Origins & uses of Ruby, scalar types and their operations, simple input and output, control statements, fundamentals of arrays, hashes, methods, classes, code blocks and iterators, pattern matching. Introduction to Rails: Overview of Rails, Document Requests, Processing Forms, Rails Applications and Databases, Layouts, Rails with Ajax. Introduction to EJB.

Contents

- 6.1 Origins & Uses of Ruby
- 6.2 Scalar Types and their Operations
- 6.3 Simple Input and Output
- 6.4 Control Statements
- 6.5 Fundamentals of Arrays
- 6.6 Hashes
- 6.7 Methods
- 6.8 Classes
- 6.9 Code Blocks and Iterators
- 6.10 Pattern Matching
- 6.11 Overview of Rails
- 6.12 Document Requests
- 6.13 Processing Forms
- 6.14 Rails Applications and Databases
- 6.15 Layouts
- 6.16 Rails with Ajax
- 6.18 Multiple Choice Questions