WEB TECHNOLOGIES QUESTIONBANK

**SHORT QUESTIONS:[2M]**

1. Define Anchor tag with an example.
2. List the types of Style sheets.
3. Define image tag with an example.
4. Define Ordered list with an example.
5. Define Heading Tags with an example.
6. What is JavaScript?Write the advantages of JavaScript
7. What is the difference between GETandPOSTmethods in JavaScript.
8. What is the scope of thevariables in JavaScript.
9. Define Event. How events are handled in JavaScript.
10. What is DATE object in JavaScript.

# LONGQUESTIONS: [10M]

1. a)Explain the structureof the HTMLwebpage with an example.
   1. Define List Tag with an example.
2. Define Frameset,FrameTag. Divide the webpage into four equal parts each individual part displays different web page.
3. Define Formtag.Design a Registration page by using all Form controls.
4. Define Table tag and their attributes with an example.
5. Explain about Cascading StyleSheets with an example.
6. Explain various operators and data types available in javascript with examples.
7. a)What is the need of scripting languages in web Technologies.
   1. Build a JavaScript program to convert temperature from Celsius to Fahrenheit andvice versa.
8. a)Explain Document ObjectModel withsuitable examples and code.
   1. Define Simple AJAX Application.
9. a)What is JavaScript? What are the features of JavaScript?
   1. DesignAJavaScript todisplaywhethergiven numberis primeor not.
10. Explain about Function definition,Functioncalling,Functionparameter,returntypewith a suitable example in JavaScript.

**SHORT QUESTIONS[2M]**

1. DesignaPHPprogram toprintreverseof anynumber
2. DefinePHPFunction.
3. ListvarioustypesofarrayssupportedbyPHP.HowtodeclarearraysinPHP.
4. Whatis the useof $symbolinPHP,explain with an example.
5. DesignaPHPcodetoswapanytwo numbers
6. Listanytwo advantagesof PHP.
7. Writethe structureofPHPscript with an example.
8. ListvariousStringFunctionsinPHP.
9. Whatarethe data types supported byPHP.
10. WhatisthedifferencebetweenJavaScriptandPHP.

# LONG QUESTIONS[10M]

1. DefineanArray?ExplainaboutthetypesofArraysinPHPwithanexample.
2. ExplainvariablesandoperatorswithexampleinPHP
3. ExplainthepredefinedanduserdefinedfunctionsinPHPwithan example.
4. Explaindatabaseconnectivityin PHPwith referenceto MYSQL.
5. a)DefineSession andCookies. Explainwith anexampleprogram.
   1. ListandexplaintheControlstructuresusedinPHP.
6. Howto readdata from webform control likeCheck boxes explainwithan example.
7. a)DesignaPHPscript foruploadingafiletotheserveranddisplaytheuploadedfiles details.
   1. ListandexplainthestringfunctionsinPHP
8. WhatarethedifferencesbetweenGetandpostmethodsinformsubmitting?Givethecase where we can use get and we can use post methods
9. ListthestatementsthatareusedtoconnectPHPwithMySQLwithanexample.
10. a)Howtoread datafromwebformcontrollikeTextboxes explainwithan example.
    1. ExplainaboutConditionalStatementsin PHP.

**SHORT QUESTIONS[2M]**

1. DefineXML?WhataretheadvantagesofXML.
2. Explainabout thepurposeof DTD.
3. Whyare attributes used inXML.
4. DefineDTD.
5. Definenamingrules in XML.
6. DefineXMLSchema.
7. DistinguishbetweenDTDandXSD.
8. DefineSAX Parser.
9. Distinguish HTMLandXHTML.
10. DefineDOM

# LONG QUESTIONS[10M]

1. HowcanbothInternalandExternalDTDsbeusedinanXMLFile?ShowwithanExample
2. WhatisSAX? WriteAdvantages,DisadvantagesandFeaturesofSAX parser
3. CompareHTMLandXML
4. Explainthe procedure forvalidatingthe XMLDocuments
5. Explainaboutvarioustypes of XMLParsers
6. DefineXHTML. Whatarethedifferences betweenXHTMLandHTMLwithan example.
7. What is an XMLDOM. HowDOM parses theXMLfile.
8. ExplainaboutExternalDTDandtheir categorizationwith examples.
9. Explainabout XMLSchema with anexample.
10. a)Listthe advantagesof XMLSchemas over DTD s.

b)Explainabout InternalDTD’swithan example.

**SHORT QUESTIONS[2M]**

1. HowisServlet differentfroman Applet.
2. ExplainaboutServlet API.
3. Howto createa cookie usingservlet
4. What is servlet?
5. Whatarethe DifferencebetweenGenericServletand HTTPServlet?
6. Discussabout Http Request
7. What is Session?
8. Discussabout Http Responses
9. WhatarethedifferenttypesofsessiontrackingmechanismsupportedbyServlets?
10. ExplainaboutCommon gatewayinterface.

# LONGQUESTIONS [10M]

1. JustifytheCommonGatewayInterface (CGI) withneatDiagram
2. WhatisServlet?ExplainaboutServletAPI
3. a)Whataretheadvantagesof Servletsover CGI.
   1. ExplainLifeCycle ofa Servlet.
4. ExplainaboutLifecycleofaServletwithneatdiagram
5. a)Distinguishbetween CGIandServlets
   1. DevelopaServletthathandlesanHTTPPOST request.
6. DevelopaServletthathandlesanHTTPPOSTrequest.
7. WhatisJDBC.What arethe variousdriversof JDBC.
8. a)Distinguishbetween Getrequest andPostrequesttypeinServlets.
   1. DiscussaboutSessiontrackinginServlets withasuitableexample.
9. WhatisJDBC?Howto connectingtoadatabaseusingJDBC
10. Demonstratetheuse ofCookiesinServletswithan example.

# SHORT QUESTIONS[2M]:

1. DefineJSP expression.
2. Whatarethe directivesin jspwith syntax?
3. Whatisthesyntaxofjsp?
4. Explain about ScriptletTag.
5. Whatareimplicitobjectsinjsp?
6. ExplainaboutthemethodsofgetProperty()and setProperty().
7. Whatis jsp?
8. Whatarethe Beansinjsppage.
9. Whatarethe differencebetween JSP and HTML.
10. HowareCookies used forSession trackinginJSP.

# LONG QUESTIONS[10M]:

1. Justifythedifferencesbetweenservletsandjsp.
2. Explain about thejsp processing.
3. Explainaboutthedifferentmethodsused forSession tracking
4. Explainthe components of jsp.
5. Discussaboutthecode snippetsin detail.
6. Explain about theanatomyofjsp.
7. ExplainaboutthegetProperty()andsetProperty()ofbeansinjsp.
8. ExplainabouttheJSPdirectiveElements.Explain eachof themin detail.
9. HowdoesJdbcallowsto accessdatabasethrough java
10. Explainabout theJDBC Drivers.