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**Question Paper Code : 31256**

B.E./B.Tech. DEGREE EXAMINATIONS, APRIL/MAY 2019.

Sixth Semester

Computer Science and Engineering

IT 2353 – WEB TECHNOLOGY

(Common to Information Technology)

(Regulation 2008)

(Common to PTIT 2353 – Web Technology for B.E. (Part-Time) Fourth Semester –  
Computer Science and Engineering – Regulation 2009)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. List the two forms of URL and its uses.
2. How XHTML is more advantages than HTML? Specify.
3. Give the core syntax of CSS.
4. List and explain any two Java script built in objects.
5. What are server side and client side programming?
6. List life cycle methods of a Servlet.
7. Write short notes on some implicit objects in JSP.
8. What is MVC paradigm?
9. Explain the term XML schéma.
10. Give some uses of WSDL.

PART B — (5 × 16 = 80 marks)

11. (a) (i) Explain in detail about the functions of a web server. (8)  
(ii) Give the structure of HTTP request and response messages. (8)

Or

- (b) (i) Explain the use of relative URL's with an example. (8)  
(ii) Explain how tables can be inserted into a HTML document with an example. (8)

12. (a) Explain the various event handlers in java script with examples.

Or

- (b) State the objectives of using Cascading style sheet and explain the various CSS properties. Briefly explain about linking of style sheets and fixing the backgrounds.

13. (a) Elaborate the DOM history and intrinsic levels in event handling-modifying element style. (16)

Or

- (b) (i) Write the code for converting currencies to US dollar using Java Servlet. (8)

- (ii) Explain the following with an example. (8)

(1) Cookies

(2) URL rewriting.

14. (a) Get the students details like name, register number and mark using form. Generate DTD for this XML document.

	Reg no	Mark
Xyz	1000	90
Abc	1001	80
Rst	1002	89
Pqr	1003	87

Generate the collected information in the descending order of marks using XSLT. Results should be displayed in the above format. Write a source code and explain the same.

Or

- (b) Explain --- Ajax DOM based XML processing, Event oriented parsing, XPATH and Template based transformations with suitable example.

15. (a) Explain in detail about the steps involved in writing a web service. (16)

Or

- (b) Explain the SOAP elements and their RPC representation in detail. (16)