

Total No. of Questions : 8]

SEAT No. :

P2310

[Total No. of Pages : 2

[5870]-1134

T.E. (Computer Engg.)

WEB TECHNOLOGY

(2019 Pattern) (Semester - II) (310252)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) Solve Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to the right side indicate full marks.

**Q1)** a) What is difference between server side scripting language and client side scripting language. [5]

b) Describe servlet architecture in detail. [4]

c) Explain DTD in XML with schemes, elements & attributes. [9]

OR

**Q2)** a) What is session? How cookies & URL rewriting for session management in servlet. [9]

b) Write short note on : [9]

i) AJAX

ii) XML transformation

**Q3)** a) Explain life cycle of JSP. Write advantages of JSP over servlet. [9]

b) Write a short notes on : [8]

i) SOAP

ii) WSDL

OR

**Q4)** a) Explain streets framework with its components. Also explain interceptors. [9]

b) Explain JSP support for MVC i.e. model, view controller for developing web application. [8]

P.T.O.

- Q5)** a) Identify and explain steps involved in connecting to mySQL with PHP. [9]  
b) Write short notes on : [9]  
i) Overview of ASP. NET  
ii) Overview of C#

OR

- Q6)** a) Explain in detail WAP Architecture & WML. [9]  
b) Explain functions in PHP with example & session management. [9]

- Q7)** a) Explain classes and objects in Ruby with appropriate examples. [9]  
b) Introduce the concept of Rails application. Describe layouts & stylesheet in Rail. [8]

OR

- Q8)** a) Explain the scalar types & their operations in Ruby. [8]  
b) Explain Architecture of EJB & explain types of EJB in detail. [9]

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