SEAT No. :

P2310

[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#

<p style="text-align:center">OR</p>

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]**

<p style="text-align:center">OR</p>

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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