Total No. of Questions : 8]

SEAT No. : ☐

P276

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T.E. (Computer Engg.)
WEB TECHNOLOGY
(2019 Pattern) (Semester-II) (310252)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

1) *Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8.*
2) *Neat diagrams must be drawn wherever necessary.*
3) *Figures to the right side indicate full marks.*
4) *Assume suitable data, if necessary.*

Q1) a) What are strengths of XML technology? Explain the need of XML. **[5]**

b) What are DTD's? Explain how do they work? **[5]**

c) Explain URL writing and cookies in servlet with example. **[8]**

OR

Q2) a) Explain servlet architecture in detail. **[8]**

b) What do you understand by AJAX?. Explain it. **[5]**

c) Write a servlet which accepts two numbers using POST method and display the maximum number. **[5]**

Q3) a) List & describe important inceptors provided by strut framework. **[5]**

b) Identify & justify the benefits of using Web Services. **[5]**

c) Explain JSP life cycle with diagram. **[7]**

OR

Q4) a) What is JSP? Enlist advantages of JSP over servlet? **[5]**

b) What is WSDL and SOAP? Explain WSDL in detail. **[5]**

c) Draw and explain MVC architecture for developing web application. **[7]**

Q5) a) What is WAP? Explain components of WAP architecture in detail. **[8]**

b) What is multidimentional arrays in PHP? Explain it with simple PHP code. **[5]**

c) Explain overview of node JS. **[5]**

OR

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Q6) a) Explain how cookies and session are used for session management in PHP. **[8]**

b) What is WML? Explain WML elements. **[5]**

c) Exlain in brief overview of ASP. NET. **[5]**

Q7) a) Explain how multiple selection constructs are implemented in Ruby. **[7]**

b) Explain Rails with AJAX in detail. **[5]**

c) Draw & explain the role of EJB container in Enterprise applications. **[5]**

OR

Q8) a) Explain how to write the methods and call the method in RUBY with example. **[7]**

b) What are the difference between java beans and EJB? **[5]**

c) What is Ruby programming language? List some features of Ruby. **[5]**

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