

# SPPU-TE-COMP-CONTENT – KSKA Git

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 struts 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.**

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- 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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