P4011

[5561]-718

B.E. (IT)
INTERNET AND WEB PROGRAMMING
(2015 Course) (Semester - II) (Elective - III(D))

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, Q.9 or Q.10.*
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) Explain the features of HTML5. **[4]**

    b) Write a program in HTML5 for creating table of IPL-2019 teams having serial number, name of team, name of caption, name of main coach, names of 3 key players. **[6]**

<div align="center">OR</div>

Q2) a) What are data types in JavaScript? **[4]**

    b) Write a program in JavaScript to generate prompt () and alert () messages. **[6]**

Q3) a) What are different selectors in jQuery? Explain them. **[4]**

    b) Describe following functions used in PHP with example. **[6]**
       i) Strlen( ),
       ii) Strpos( ),
       iii) Strcmp( ).

<div align="center">OR</div>

Q4) a) Write a program to create 'Hello World' Servlet. **[4]**

    b) What do you mean by JSON? What are different data types of JSON? **[6]**

Q5) a) What is CMS? Explain various types of CMS development tools. Also discuss its advantages. **[8]**

    b) Explain architecture of Joomla. What are advantages and disadvantages of Joomla. **[10]**

<div align="center">OR</div>

Q6) a) What is Web Service? What are general features of Web Services? **[8]**

    b) What is JSF? Explain JSF architecture. Also discuss its advantages. **[10]**

<div align="right">***P.T.O.***</div>

Q7) a) Explain different types of Mobile devices. **[8]**

b) What is jQuery Mobile? How to implement jQuery mobile. **[8]**

OR

Q8) a) What is Mobile Web? What are standards of Mobile Web? How do I access mobile? **[8]**

b) Explain how to write headers and footers in jQuery Mobile. **[8]**

Q9) a) What are the cyber ethics? Explain issues in cyber ethics. **[8]**

b) What is Web security? Explain need of Web security? **[8]**

OR

Q10)a) What do you mean by threat? What are the common threats on Web?**[8]**

b) Differentiate user level security with server level security. **[8]**

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