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MANIPAL ACADEMY OF HIGHER EDUCATION, MANIPAL
MANIPAL SCHOOL OF INFORMATION SCIENCES, MANIPAL

FIRST SEMESTER MASTER OF SCIENCE – M.Sc. (INFORMATION SCIENCE) DEGREE

EXAMINATION – NOVEMBER 2021

SUBJECT: MIS 507 – INTERNET ENGINEERING

Monday, November 29, 2021

Time: 10.00 – 13.00 Hrs.

Max.Marks:100

All questions carry 10 marks each

1. Explain the steps involved in developing web page (10 Marks)
2. Compare Internet and web (10 Marks)
3. Asha is Research Scholar. She wanted to collect data from the students. Her requirements are to collect the student
 - a. Name, should be alphabets start with Capital letter
 - b. Registration Number , should be numeric with the length 8
 - c. Branch, students can pick the branch from the predefined list
 - d. Phone number with the format (+91-XXXXXXXXXX)
 - e. Hobbies, students can select more than one option from the given list
 Help Asha to solve her problem with your HTML knowledge.

(2x5=10 Marks)

4. Distinguish with an example
 - a. semantic tag and non-semantic tag
 - b. tag and tag
 - c. <i> tag and tag
 - d. <header> tag <footer> tag
 - e. Inline tag and block tag

(2x5=10 Marks)

5. Explain the CSS conflicts with an example. (10 Marks)
6. What is Taffydb briefly discuss how do we Accessing data, modifying data, deleting and updating data? What are advantages of taffydb. (10 Marks)
7. Explain the importance of regular expression in JavaScript. Explain with an examples. (10 Marks)
8. Write short notes on (5+5=10 Marks)
- a. getElementById
 - b. getElementbyClass
9. What is XML? Write XML file to store contacts detail of friends. Contact details includes name of the contact, data of birth, city , phone number(s), mail id(s), hobbies. (2+8 =10 Marks)
10. Write short notes on the following with respect to JSON and explain with an example. (10 Marks)
- a. parse ()
 - b. stringify ()
