

Question Paper

Exam Date & Time: 20-Nov-2018 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SCHOOL OF INFORMATION SCIENCES

FIRST SEMESTER M.Sc. INFORMATION SCIENCE

Internet Engineering [MIS 507]

Marks: 100

Duration: 180 mins.

END SEMESTER DEGREE EXAMINATION NOVEMBER 2018

Answer all the questions.

- 1) Briefly explain the History of Internet and write a note on Internet Standards. (10)
(5+5)
- 2) Explain Lists and Tables in HTML with examples. (10)
(5+5)
- 3) Discuss the usage of Canvas and SVG tags, how are they different? Write a program to draw a Circle using HTML Canvas. (10)
(6+4)
- 4) Write short notes on CSS background properties. (10)
(10)
- 5) Explain how HTML Form Validation can be done using JavaScript. Give examples. (10)
(10)
- 6) Write short notes on DOM Nodes. Explain how HTML DOM Collections are different from Node Lists. (10)
(6+4)
- 7) (a). Explain with examples the JavaScript methods available to convert variables to numbers. (6)
(b). Explain the replace() and split() JavaScript String methods with example. (4)
- 8) What is the HTML DOM document object? Write short notes on DOM Events. Write the code to add 2 event handlers to the same button element. (10)
(2+4+4)
- 9) (a) What is XML? How is it different from HTML? (10)

Explain. (6)

(b) Write short notes on XML DTD.

(4)

10)

Explain JSON Parse and JSON Stringify with examples. (5+5)

(10)

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