Code No: IT3515   **SRGEC-R20**

III B.Tech II Semester Regular Examinations, May 2023
SCRIPTING LANGUAGES
(Open Elective-III)

Time: 3 Hours   **Max. Marks: 70**

Note: Answer one question from each unit.
All questions carry equal marks.

5 × 14 = 70M

UNIT-I

1. a) What are selectors in jQuery and how many types of selectors are there? Explain each with an example.   (8M)

    b) Write a short note on the following effects.   (6M)

        (i) slideDown ()   (ii) slideUp()   (iii) slideToggle()

(OR)

2. a) How do we write a click event that gets fired on a paragraph element? Explain with an example.   (7M)

    b) "jQuery supports chaining of effects", If yes, Justify your statement with an example. If no, write the reason.   (7M)

UNIT-II

3. a) Explain in detail various data types that are supported by JSON with an example.   (7M)

    b) Mention what is the rule for JSON syntax rules? Give an example of JSON object.   (7M)

(OR)

4. a) Create a JSON object that represents an Item with properties Item No, Item Name, Quantity and price and construct its tree structure.   (7M)

    b) Write one application which demonstrates nested objects and nested arrays in JSON. (7M)

UNIT-III

5. a) Write a PERL program to check whether the given no is palindrome or not.   (6M)

    b) Distinguish between PERL Arrays and Hashes with examples.   (8M)

(OR)

6. a) Write a program which demonstrates the BEGIN and END blocks in modules.   (7M)

    b) Write a PERL program to count number of lines in a file.   (7M)

UNIT-IV

7. a) Distinguish between RUBY Arrays and Hashes.   (8M)

    b) List and explain various iterators in RUBY.   (6M)

(OR)

8. a) Explain different types of data types supported by Ruby. (6M)

   b) Write the syntax for creating, accessing and deleting elements from associative arrays. (8M)

UNIT-V

9. a) Discuss about AJAX approach . (7M)

   b) Write HTML program how a web page can communicate with a web server while a user type characters in an input field. (7M)

   Start typing a name in the input field below:

   First name: [ ]

   Suggestions: Sunniva, Unni

(OR)

10. a) Write a PHP program how a web page can fetch information from an XML file with AJAX. (7M)

    b) Compare the AJAX application model and traditional application model. (7M)

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