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Fourth Semester MCA Degree Examination, June/July 2018
Advanced Web Programming

Time: 3 hrs.

Max. Marks:100

Note: Answer any FIVE full questions.

- 1 a. Explain hashes and its manipulation in Perl. (10 Marks)
b. Explain file input and output concept in Perl (10 Marks)

- 2 a. Write a note on the following :
i) CGI.pm method (12 Marks)
ii) Adding Robustness to CGI script. (08 Marks)
b. Discuss start_html method. (08 Marks)

- 3 a. In detail, explain Perl DBI methods. (12 Marks)
b. Explain scalar type conversions in PHP. (08 Marks)

- 4 a. Explain file handling in PHP. (10 Marks)
b. How users can be tracked in PHP built web applications? Explain. (10 Marks)

- 5 a. Briefly explain the concept of classes in Ruby. (10 Marks)
b. Write a note on following :
i) Times and collect iterator. (10 Marks)
ii) sub and gsub!

- 6 a. Build a Rails application to accept book information Viz accession no., title, authors, edition and publisher from a web page and store the information in a database, and to search for a user and to display the search results with proper headings. (15 Marks)
b. What is SaaS? Explain its advantages. (05 Marks)

- 7 a. Explain convergence is iterative development. (10 Marks)
b. What is SOAP? With example explain its styles. (10 Marks)

- 8 Write a note on the following :
a. Referencing in Perl
b. Sequential access to array elements in PHP
c. Shift and push methods in Ruby
d. Folksonomies and web 2.0. (20 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.

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