

Code: 06MC404C

MCA IV Semester Supplementary Examinations September/October 2014

**PERL PROGRAMMING**

(For students admitted in 2008 only)

Time: 3 hours

Max Marks: 60

Answer any FIVE questions

All questions carry equal marks

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- 1 (a) Differentiate between 'while' and 'until' loops in perl.  
(b) Explain 'for' and 'foreach' loops with an example programs.
- 2 (a) Write a short note on perl profiler.  
(b) Discuss various commands used for debugging a perl program.
- 3 What are the perl functions associated with system V IPC mechanism? Explain them.
- 4 (a) Define character class. Explain various ways of customizing a character class.  
(b) What are the meta symbols used in perl?
- 5 (a) Give the procedure for passing references in subroutines.  
(b) Write a perl program to find the factorial of a number.  
(c) Write short notes on format variables.
- 6 (a) Describe the procedure for accessing and printing hash of arrays with an example.  
(b) Compare arrays with hashes in perl.
- 7 Explain the concept of forms with respect to CGI programming.
- 8 Write a short note on the following related to CGI:  
(a) Here documents.  
(b) E-mail.

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