



**A-1665**  
**M. Sc. (I.C.T.) (Sem. III) Examination**  
**March/April – 2015**  
**Open Source Web Development (PHP & Ruby)**

Time : 3 Hours]

[Total Marks : 70

**Instruction :**

<p>नीचे दृशावेक निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : M. Sc. (I.C.T.) (Sem. III)</p> <p>Name of the Subject : Open Source Web Development (PHP &amp; Ruby)</p> <p>Subject Code No. : 1 6 6 5 Section No. (1, 2,.....): Nil</p>	<p>Seat No. : □ □ □ □ □ □</p> <p style="text-align: center; border: 1px solid black; border-radius: 15px; padding: 10px;">Student's Signature</p>
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- 1 Answer the following. (Any THREE) 18
- 1 Define and explain superglobal arrays PHP along with example. Also explain PHP-SELF, SERVER ADDR, REMOTE-ADDR.
  - 2 What is state management? Explain with example how to pass variable between web pages using different techniques in PHP.
  - 3 Write a note on XML support in PHP along with a list of XML parsing libraries available in core PHP. Write a PHP script to parse employee.xml file and display its data on a webpage using any one of these libraries.
  4. Write a note on php.ini file and explain any five configuration directives with example.
- 2 Do as directed. (Any THREE) 18
- 1 List and explain finder methods in RoR.
  - 2 Write a note on CAPTCHA along with example application in PHP.

- 3 Write a note on 'rails server' and 'rails generate' command line tools.
  - 4 Write a note on frameworks in open source technologies.
- 3 Answer the following. (Any TWO) 18**
- 1 Develop a PHP module for product management for admin site of shopping cart.
  - 2 Develop rails application to show all records of student table using CodeIgniter framework.
  - 3 Develop PHP application for employee registration for a job search website with the use of AJAX for State, City selection.
- 4 Answer the following. (Any FOUR) 16**
- 1 How to develop a master module for managing (typical CRUD operations) a list of city names using RoR ?
  - 2 In what different ways RoR controller can produce output?
  - 3 Explain rails migration with example.
  - 4 Write a note on Ruby language.
  - 5 Serialization in PHP with example.
  - 6 List and explain URL related functions in php with examples.
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