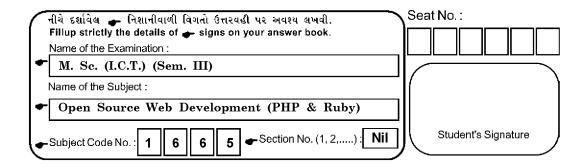


## A-1665

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

Time: 3 Hours [Total Marks: 70

#### **Instruction:**



1 Answer the following. (Any THREE)

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- 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.
- Write a note on php.ini file and explain any five 4. configuration directives with example.
- $\mathbf{2}$ Do as directed. (Any THREE)

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- List and explain finder methods in RoR. 1
- Write a note on CAPTCHA along with example 2 application in PHP.

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- 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)

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- 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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