

MCA.V/11.15.0913

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B

MCA DEGREE V SEMESTER EXAMINATION NOVEMBER 2015

**CAS 2504 WEB APPLICATION DEVELOPMENT WITH ADVANCED PHP AND
FRAME WORK**

(Regular)

Time : 3 Hours

Maximum Marks : 50

PART A

(Answer ALL questions)

(15 × 2 = 30)

- I.
 - (a) What are design patterns?
 - (b) Define frameworks.
 - (c) What is the use of controller in MVC architecture?
- II.
 - (a) What are advantages of PHP frameworks?
 - (b) How database can be connected with symfony framework?
 - (c) What is object relational mapping?
- III.
 - (a) How captcha is used in PHP frameworks?
 - (b) How formatted e-mail is designed?
 - (c) How secure connections are implemented?
- IV.
 - (a) What is Apache Lucene?
 - (b) What is CSRF session hijacking?
 - (c) What are XSS injection attacks?
- V.
 - (a) What is SOAP?
 - (b) How REST web service is used?
 - (c) How basic crud like web services are created using frameworks?

(P.T.O.)

PART B

(5 × 4 = 20)

- VI. Compare MVC and MVP.
OR
- VII. Explain any two popular PHP frameworks briefly.
- VIII. With an example explain a simple application in Symfony?
OR
- IX. Compare Symfony, Zend and cakePHP frameworks.
- X. Explain how SMTP servers are configured.
OR
- XI. Explain form validation in different frameworks with the help of an example.
- XII. Explain Sphinx search engine with Symfony.
OR
- XIII. Explain how Zend handles XSS injection attacks.
- XIV. Explain the use of SOAP web services from different frameworks.
OR
- XV. Explain how Ajax auto completion can be done in PHP frameworks.
