PBD-003-1043004   Seat No. _____

B. Sc. (I.T.) (Sem. III) (CBCS) Examination

November / December - 2018

CS - 16 : Web Development using Joomla! CMS

(New Course)

Faculty Code : 003
Subject Code : 1043004

Time : $2\frac{1}{2}$ Hours]   [Total Marks : **70**

1   (a)   Attempt Following Questions :   4

        (1)   _____ Keyword is used to create Destructor in php.

        (2)   PDO stands for ?

        (3)   What is Property ?

        (4)   Can class implement more than one interface? (Y/N)

    (b)   Attempt Any **One** Question :   2

        (1)   Explain constructor and destructor.

        (2)   Explain Constant and Scope Resolutions operator.

    (c)   Attempt Any **One** Question :   3

        (1)   Explain Method overloading with example.

        (2)   Insert data in database using PDO. Field Name : s_id, s_city, s_mno

    (d)   Attempt Any **One** Question :   5

        (1)   What is OOP ? Explain class with example.

        (2)   What is in Inheritance ? And explain in detail.

2 (a) Attempt Following Questions :   **4**

    (1) CMS stands for?

    (2) Which parameter is passed to a url to show module positions?

    (3) WYSIWYG stands for?

    (4) In which main menu, Template Manager options are available?

(b) Attempt Any **One** Question :   **2**

    (1) How to Create and Mange Category ?

    (2) What is Banner?

(c) Attempt Any **One** Question :   **3**

    (1) Write down steps of Joomla installation.

    (2) Explain Joomla Directory and file structure.

(d) Attempt Any **One** Question :   **5**

    (1) Explain Features of Joomla.

    (2) Explain Joomla Database Structure.

3 (a) Attempt Following Questions :   **4**

    (1) _____ file is requires for Template Information.

    (2) Which event is triggered before the user is logged out of the system?

    (3) Which event is triggered after the framework has loaded and the application initialise method has been called?

    (4) MVC stands for?

(b) Attempt Any **One** Question :   **2**

    (1) Explain header.php file in module.

    (2) Explain Menu Manager Security.

(c) Attempt Any **One** Question : 3

    (1) Explain any three User event.

    (2) Write down steps of create menu.

(d) Attempt Any **One** Question : 5

    (1) How to create and add component in Joomla?

    (2) Explain Template Directory Structure.

4 (a) Attempt Following Questions : 4

    (1) How many files are required to built module in Joomla?

    (2) Which encoding is used in templateDetails.xml file ?

    (3) Which Database Support with Joomla?

    (4) XML Stands for?

(b) Attempt Any **One** Question : 2

    (1) Write down example of add Custom Image and Custom CSS in Joomla template.

    (2) How to install plugin in Joomla ?

(c) Attempt Any **One** Question : 3

    (1) Explain File Structure of Module.

    (2) How to create Plugin using code ?

(d) Attempt Any **One** Question : 5

    (1) How to Create basic template and Setting up a directory structure ?

    (2) How to Create slider and image gallery ?

5 (a) Attempt Following Questions : 4

    (1) ACL stands for?

    (2) API stands for?

    (3) What license does Joomla! use?

    (4) _____ is Base class for a Joomla View.

(b) Attempt Any **One** Question :   **2**

    (1) What is Joomla Framework ?

    (2) Explain Joomla! 4.

(c) Attempt Any **One** Question :   **3**

    (1) Why should I consider using the Joomla Framework?

    (2) How to Adding decorations to the backend ?

(d) Attempt Any **One** Question :   **5**

    (1) Explain any five Events of Joomla.

    (2) Explain Joomla-Architecture.

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