B. Sc. (I.T.) (Sem.-III) (W.E.F. 2019) Examination
August - 2022
CS-16 : Content Management System Using Joomla

Faculty Code : 003

Subject Code : 2043004

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

Instruction :   Attempt any five questions.

1   (a)   Attempt following Questions :   **4**
        (1)   What is Class?
        (2)   What is different visibility of method/property?
        (3)   Oop stands for _____.
        (4)   PDO stands for?
      (b)   Explain Static and Final Keyword in php.   **2**
      (c)   What is difference between class and interface?   **3**
      (d)   What is Inheritance? Explain in detail   **5**

2   (a)   Attempt following Questions :   **4**
        (1)   What is Namespace?
        (2)   What is Interface?
        (3)   What is Object?
        (4)   Can class implement more than one interface? (YES/NO)
      (b)   Explain OOP Concept.   **2**
      (c)   Explain Magic Method.   **3**
      (d)   Explain Method Overloading with example.   **5**

3   (a)   Attempt following Questions :   **4**
        (1)   WYSIWYG stands for?
        (2)   Which Joomla file provides the central logic of the
              template including any module and component display?
        (3)   What is Joomla?
        (4)   Which root classes are available for the Joomla
              framework?

(b)   Explain Global site Configuration.   **2**

(c)   What is plugin? How to install and enable plugin.   **3**

(d)   Explain : The architecture of Joomla.   **5**

4   (a)   Attempt following Questions.   **4**

       (1)   In which main menu, Template manager options are available?

       (2)   What is Parameters?

       (3)   CMS Stands for?

       (4)   What is Templates?

(b)   How to add, edit and delete category ?   **2**

(c)   Write down installation steps of Joomla.   **3**

(d)   Explain Features of Joomla.   **5**

5   (a)   Attempt following Questions :   **4**

       (1)   What is Captcha?

       (2)   What is Finder?

       (3)   MVC stands for _____.

       (4)   What database system does Joomla support?

(b)   Write down steps to create Menu.   **2**

(c)   Explain Header.php file in module.   **3**

(d)   How to Create and add components in Joomla.   **5**

6   (a)   Attempt following Questions :   **4**

       (1)   The user group with access to all administrator functions is _____.

       (2)   Which option will you select to find the unpublished Articles?

       (3)   What is Authentication?

       (4)   _____ file is require for Template Information.

(b)   What is Template in Joomla?   **2**

(c)   What is Joomla Modules? How to install and publish modules.   **3**

(d)   Explain any Five User event.   **5**

7   (a)   Attempt following Questions.   **4**

       (1)   Use of index.php.

       (2)   To set the site meta-data for the installed website which option will you choose?

       (3)   Write a use of Body Section.

       (4)   What is Custom CSS?

(b) Write example of Custom CSS in Joomla template. 2

(c) Explain use of helper.php file in module 3

(d) How to Create basic template and Setting up a directory 5
structure.

8 (a) Attempt following Questions : 4

(1) How many File required for building module in Joomla?

(2) CSS Stands for _____.

(3) In Joomla what is the file where database settings are
stored?

(4) Which File-Format is used to package a template?

(b) What is Head Section in Joomla? 2

(c) Explain File Structure of Create Plugin. 3

(d) Write a Program to create image gallery. 5

9 (a) Attempt following Questions : 4

(1) ACL stands for _____.

(2) CMS Stands for _____.

(3) By default what is the Joomla database prefix value?

(4) What is Verification?

(b) What is the use of Breadcrumb Module in Joomla? 2

(c) Explain benefits to use Joomla Framework. 3

(d) Explain any five events of Joomla. 5

10 (a) Attempt following Questions : 4

(1) API Stands for _____.

(2) Which file is used to enable mod-rewrite?

(3) _____ is base class for a Joomla View.

(4) XML stands for?

(b) What is Bootstrap? 2

(c) How to Add decoration to the backend. 3

(d) Write a step to implement Trigger Events. 5

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