

B.Sc.(IT) Semester - 3 (CBCS) Examination

Oct/Nov. -2018

CS-16 CONTENT MANAGEMENT SYSTEM USING JOOMLA(CORE)

Time: 2:30 Hours

Marks: 70

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Q-1 (A) Answer the following questions (04)
- (1) What is Class?
 - (2) _____ Operator is used as an Scope Resolution Operator
 - (3) What will be the output for below program

```
<?php
    Function foo() {
        static $i = 0;
        echo $i++;
    }
    foo();
    foo();
    foo();
?>
```
 - (4) Full form of OOP is _____
- (B) Answer the following questions (Any one) (02)
- (1) Explain Constructor
 - (2) Explain Namespace
- (C) Answer the following questions (Any one) (03)
- (1) Explain object Interfaces
 - (2) Explain the Term: Object visibility with suitable example
- (D) Answer the following questions (Any one) (05)
- (1) Explain select, insert, update, and delete statement of mySQL database handling. Write example of any 1 function
 - (2) Write a note on OOP with its advantages
- Q-2 (A) Answer the following questions (04)
- (1) _____ is full form for CMS
 - (2) Joomla! Is written in PHP, is the statement true?
 - (3) Joomla administrative panel can be accessed by using the keyword _____
 - (4) More than one users for website created in Joomla! True or False?
- (B) Answer the following questions (Any one) (02)
- (1) Explain Database Structure in Joomla
 - (2) How to Update Joomla?
- (C) Answer the following questions (Any one) (03)
- (1) Explain the Joomla directory and file structure
 - (2) Explain Different types of global configuration in Joomla
- (D) Answer the following questions (Any one) (05)
- (1) Write down the steps for installing Joomla.
 - (2) What is Joomla? Explain advantages and disadvantages of using Joomla

- Q-3 (A) Answer the following questions (04)
- (1) A _____ is used to add extra functionality which might not be inbuilt in your template in Joomla.
 - (2) The _____ offer you the ability to completely separate a site's content from its design.
 - (3) _____ are the main functional units of Joomla!
 - (4) For Template information, the _____. Xml file is required.
- (B) Answer the following questions (Any one) (02)
- (1) Explain MVC
 - (2) Explain Templates in Joomla
- (C) Answer the following questions (Any one) (03)
- (1) Explain Joomla Modules. Also Explain How to install and publish modules
 - (2) What is Joomla component framework? Explain in brief
- (D) Answer the following questions (Any one) (05)
- (1) What are plugins in Joomla? Write down steps to install an enable plugin
 - (2) Explain Template Directory structure
- Q-4 (A) Answer the following questions (04)
- (1) _____.php is the main entry point for the module.
 - (2) _____. php file the module template.
 - (3) To add a new menu to your website, go to Menus → Menu Manager →_____.
 - (4) Explain the use of mod_helloworld.xml file
- (B) Answer the following questions (Any one) (02)
- (1) What is module?
 - (2) What is use of helper.php?
- (C) Answer the following questions (Any one) (03)
- (1) What is templateDetails.xml? How to create templateDetails.xml fiie
 - (2) What is index.php? How to create index.php file
- (D) Answer the following questions (Any one) (05)
- (1) Briefly Explain: Developing Template inside the Joomla
 - (2) Briefly Explain: Developing Plugin inside the Joomla
- Q-5 (A) Answer the following questions (04)
- (1) What is Framework?
 - (2) Joomla is an open source and available freely. True or False?
 - (3) _____ is full form for ACL
 - (4) Write steps for adding language management.
- (B) Answer the following questions (Any one) (02)
- (1) How to add a new category in Joomla?
 - (2) How to add Backend actions?
- (C) Answer the following questions (Any one) (03)
- (1) Briefly introduce Joomla 4
 - (2) What is Joomla framework? Explain in brief
- (D) Answer the following questions (Any one) (05)
- (1) Write a note on advance component development in Joomla
 - (2) Explain Joomla Architecture
