



Seat No. \_\_\_\_\_

**FP-003-2043004**

**B. Sc. (IT) (Sem. III) Examination**

**November - 2022**

**CS - 16 : Web Development using Joomla!CMS**

**Faculty Code : 003**

**Subject Code : 2043004**

**Time : 2.30 Hours / Total Marks : 70**

- 1 (a) Answer the following : 4
- (1) Full form of PDO.
  - (2) What is scope resolution operator ?
  - (3) What is OOP ?
  - (4) What is inheritance ?
- (b) Answers in brief : (Any one out of two) 2
- (1) Explain Magic method.
  - (2) Explain type hinting.
- (c) Answers in detail : (Any one out of two) 3
- (1) What is interface ? Explain with example.
  - (2) Difference between static keyword and finally keyword.
- (d) Write a note on : (Any one out of two) 5
- (1) Explain overloading with example.
  - (2) Explain object and references with example.
- 2 (a) Answer the following : 4
- (1) WYSIWYG stands for\_\_\_\_\_.
  - (2) What is the backend of Joomla ?
  - (3) Full form of CMS.
  - (4) What is Banner ?

- (b) Answers in brief : (Any **one** out of two) 2
- (1) Write down steps to create Article in Joomla
  - (2) Give advantages of Joomla.
- (c) Answers in detail : (Any **one** out of two) 3
- (1) Explain Joomla Architecture.
  - (2) Explain Joomla directory structure.
- (d) Write a note on : (Any **one** out of two) 5
- (1) Explain updates in Joomla.
  - (2) Explain global configuration.
- 3** (a) Answer the following : 1
- (1) \_\_\_\_\_.xml file is required for template information.
  - (2) What is Parameter ?
  - (3) Use of Template.
  - (4) Full form of MVC.
- (b) Answers in brief : (Any **one** out of two) 2
- (1) What is Plugin ? List out plugin types.
  - (2) How to install template in Joomla ?
- (c) Answers in detail : (Any **one** out of two) 3
- (1) What is Module ? How to create module ?
  - (2) Explain Template Directory Structure.
- (d) Write a note on : (Any **one** out of two) 5
- (1) Explain Joomla component framework.
  - (2) Explain custom plugin types and events.

- 4 (a) Answer the following : 4
- (1) How many types create template ?
  - (2) What is file ?
  - (3) CSS stands for \_\_\_\_\_ .
  - (4) What is Structure ?
- (b) Answer in brief : (Any **one** out of two) 2
- (1) List out files and folders of com helloworld
  - (2) What is template ?
- (c) Answers in detail : (Any **one** out of two) 3
- (1) How to add view in Hello World ?
  - (2) How to add Custom css and Custom images in Joomla ?
- (d) Write a note on : (Any **one** out of two) 5
- (1) Write down to create a basic index.php.file
  - (2) Write down to create packaging the template for installation.
- 5 (a) Answer the following : 4
- (1) Which License dose Joomla required ?
  - (2) Full form of ACL.
  - (3) What is CMS ?
  - (4) Full form of API.
- (b) Answers in brief : (Any **one** out of two) 2
- (1) I am Joomla!CMS user. How will I be affected?
  - (2) Write Steps of adding Language Management.
- (c) Answers in detail : (Any **one** out of two) 3
- (1) Explain Joomla 4.
  - (2) Explain Joomla Framework.
- (d) Write a note on : (Any **one** out of two) 5
- (1) Explain Joomla framework.
  - (2) Explain Joomla background.