



### QUESTION BANK

**Name of the Department** : Department of Humanities and Sciences  
**Name of the Subject** : WEB APPLICATION DEVELOPMENT  
**Subject Code** : 23CS1201  
**Semester** : II

**Note:**

**2 Marks** : For each unit Three questions should be of lower order (LO) cognitive type and Two Questions should be of Intermediate order (IO) cognitive type.

**13 /15 /16 Marks:** For each Unit Two questions should be of lower order (LO) cognitive type i.e. remembrance type questions, Two should be of intermediate order (IO) cognitive type i.e. understanding type questions and Two Question should be on Higher Order (HO) Application / Design / Analysis / Evaluation / Creativity / Case study questions.

\* HO Order is not applicable if the Question Pattern does not have Part C. In Such cases consider HO as IO.

\*\* If the Mark for Part B &C is less than the applicable mark of the Question, Sub Divisions may be added. Subdivisions are limited to a maximum of 3.

### Unit I – WEB ESSENTIALS

#### PART-A (2 Marks)

S.No.	Question	Course Outcome	Std. of question Cognitive Level	Mark
1.	What is cookie?	CO1	LO	2
2.	Define URL	CO1	LO	2
3.	What is a web server? Give examples.	CO1	LO	2
4.	Compare Internet and Web.	CO1	LO	2
5.	What are Domain Names?	CO1	LO	2
6.	Explain the elements of WWW.	CO1	LO	2
7.	What is the use of HTTP protocol?	CO1	LO	2
8.	Compare HTTP and SMTP.	CO1	LO	2
9.	What is the use of IP addresses?	CO1	IO	2
10.	What is the use of MIME?	CO1	IO	2

#### Part – B (13 marks)

S.No.	Question	Course Outcome	Std. of question Cognitive Level	Mark
1.	What is Internet? Explain in detail about the working principle of intranet and internet.	CO1	LO	13
2.	Explain the functions of TCP/IP in detail	CO1	LO	13

3.	Explain the HTTP Request and Response message format with example.	CO1	IO	13
4.	Explain the concept of DNS and its functions in detail.	CO1	IO	13
5.	Give an overview of WWW and its architecture	CO1	HO	13
6.	(i) Difference between Static and Dynamic websites. (8) (ii) Difference between Internet and Intranet. (5)	CO1	HO	13
7.	Explain in detail about dynamic web pages.	CO1	HO	13
8.	Explain in detail about any five protocols.	CO1	HO	13

**Part – C (15 marks)**

S.No.	Question	Course Outcome	Std. of question Cognitive Level	Mark
1.	Explain in detail about the concept of clients, servers and communication .	CO1	IO	15

**Unit II – HTML 5.0**

**PART-A (2 Marks)**

S.No.	Question	Course Outcome	Std. of question	Mark
1.	What is HTML?	CO2	LO	2
2.	Mention some text formatting tags.	CO2	LO	2
3.	What is the basic structure of HTML document?. What is the difference between get and post method in html Form?	CO2	LO	2
4.	Explain about list tag.	CO2	IO	2
5.	What are the necessities of using HTML forms?	CO2	IO	2
6.	What is meant by iframe?	CO2	IO	2
7.	What are the difference between cell spacing and cell padding	CO2	IO	2
8.	State some limitations of style sheets.	CO2	LO	2
9.	Write about canvas and SVG with suitable example.	CO2	LO	2

**Part – B (13 marks)**

S.No.	Question	Course Outcome	Std. of question Cognitive Level	Mark
1.	Brief about different types of tags in HTML5 Table and list with suitable code.	CO2	LO	13
2.	Explain the basic structure of HTML in detail	CO2	LO	13
3.	(i)Describe in details about audio and video controls in HTML5 with necessary example. (7) (ii) Explain about HTML5 Drag and Drop with suitable example.(6)	CO2	IO	13

4.	Tabulate the HTML forms and its controls in detail	CO2	IO	13
5.	Give an account of various formatting tags in HTML.	CO2	HO	13
6.	Write a HTML program to print your bio-data in your own prescribed format.	CO2	HO	13
7.	Explain the use of frames and iframes in HTML.	CO2	IO	13
8.	Describe in detail about HTML semantic elements.	CO2	HO	13
9.	Discuss how images incorporated in a Web page using HTML?	CO2	HO	13

**Part – C (15 marks)**

S.No.	Question	Course Outcome	Std. of question Cognitive Level	Mark
1.	Write and explain any five HTML form objects for a typical online user registration process.	CO2	IO	15

**Unit III - CASCADING STYLE SHEETS  
PART-A (2 Marks)**

S.No.	Question	Course Outcome	Std. of question	Mark
1.	Define CSS Box Model.	CO3	LO	2
2.	What are style sheets? List out its types.	CO3	LO	2
3.	List out the advantages and features of CSS3.	CO3	LO	2
4.	What is inline style sheet? Give an example.	CO3	IO	2
5.	Give the syntax of CSS rule.	CO3	IO	2
6.	Write a short note on Media Query with an example.	CO3	IO	2
7.	What is the purpose of background-image property?	CO3	IO	2
8.	What is text indent property?	CO3	IO	2
9.	What is CSS positioning?	CO3	HO	2
10.	List and explain about animation properties.	CO3	HO	2

**Part – B (13 marks)**

S.No.	Question	Course Outcome	Std. of question Cognitive Level	Mark
1.	List out the types of style sheets and explain about it with suitable example code.	CO3	LO	13
2.	Describe elaborately about the different CSS selectors with suitable example.	CO3	HO	13
3.	With the help of suitable example, explain about Positioning in CSS.	CO3	IO	13
4.	Explain about various text properties in CSS,	CO3	IO	13
5.	Illustrate about CSS animation in detail.	CO3	HO	13
6.	Explain the concept of rule cascading and inheritance in CSS.	CO3	HO	13
7.	Explain the concept of border image property in CSS.	CO3	HO	13
8.	Explain the concept of background property in CSS.	CO3	HO	13

**Part – C (15 marks)**

S.No.	Question	Course Outcome	Std. of question Cognitive Level	Mark
1.	Create a web site to get feedback from the users using CSS.	CO3	IO	15

**Unit IV – WORD PRESS FUNDAMENTALS****PART-A (2 Marks)**

S.No.	Question	Course Outcome	Std. of question Cognitive Level	Mark
1.	What is WordPress?	CO4	LO	2
2.	What are some of the essential features of WordPress?	CO4	LO	2
3.	What are the system requirements for installing WordPress?	CO4	LO	2
4.	How many tables are there in WordPress by default?	CO4	IO	2
5.	Is a website on WordPress secure and safe?	CO4	IO	2
6.	List out the limitations for WordPress websites.	CO4	IO	2
7.	What is the default prefix of WordPress tables?	CO4	IO	2
8.	Compare WordPress posts and pages.	CO4	IO	2
9.	Which is considered more secure wordpress.com or wordpress.org?	CO4	HO	2
10.	Write a short note on CMS.	CO4	HO	2

**Part – B (13 marks)**

S.No.	Question	Course Outcome	Std. of question Cognitive Level	Mark
1.	Explain Content Management System (CMS) features, its advantages and disadvantages.	CO4	LO	13
2.	Explain the steps to install WordPress.	CO4	LO	13
3.	Explain the steps to create the WordPress Website.	CO4	IO	13
4.	Differentiate WordPress.com vs WordPress.org	CO4	IO	13
5.	Explain user roles, their capabilities and permissions of WordPress.	CO4	HO	13
6.	How to launch a WordPress site.	CO4	HO	13
7.	Explain the term template tags in WordPress, List a few template tags that can be used in WordPress.	CO4	HO	13

**Part – C (15 marks)**

S.No.	Question	Course Outcome	Std. of question Cognitive Level	Mark
1.	Demonstrate the applications of WordPress in real world scenario.	CO4	IO	15

**Unit V – WORD PRESS DEVELOPMENT****PART-A (2 Marks)**

S.No.	Question	Course Outcome	Std. of question Cognitive Level	Mark
1.	What are WordPress Plugins?	CO5	LO	2
2.	What are the hooks? Define different types of hooks in WordPress.	CO5	LO	2
3.	How to create a plugin in WordPress?	CO5	LO	2
4.	List some of the plugins that come with WordPress.	CO5	IO	2
5.	What is the purpose of Word Press plugins?	CO5	IO	2
6.	Explain the purpose of menus in WordPress.	CO5	IO	2
7.	How can a user create a custom menu in WordPress?	CO5	IO	2
8.	Define the term “Meta Description” in SEO.	CO5	IO	2
9.	Compare on-page SEO and off-page SEO.	CO5	HO	2
10.	What is the purpose of the functions.php file in a WordPress theme?	CO5	HO	2

**Part – B (13 marks)**

S.No.	Question	Course Outcome	Std. of question Cognitive Level	Mark
1.	Demonstrate the steps to install WordPress plugins	CO5	LO	13
2.	How to create page and post in WordPress.	CO5	LO	13
3.	How to Update a Theme in WordPress?	CO5	IO	13
4.	Demonstrate WordPress roles and its capabilities.	CO5	IO	13
5.	Demonstrate WordPress widgets in detail	CO5	HO	13
6.	Explain Search Engine Optimization in detail	CO5	HO	13
7.	Demonstrate how to add a Blog to your WebSite.	CO5	HO	13

**Part – C (15 marks)**

S.No.	Question	Course Outcome	Std. of question Cognitive Level	Mark
1.	Demonstrate how to add video and audio files into the Blog in WordPress	CO5	HO	15

<b>Faculty-in-Charge</b>	<b>Course Co-ordinator</b>	<b>Head of the Department</b>
<b>Name:</b> <b>Designation:</b>	<b>Name:</b> <b>Designation:</b>	