

**Course Code: 24BC4T12**  
**BONAMVENKATACHALAMAYYAINSTITUTE OF TECHNOLOGY &**  
**SCIENCE**  
**(AUTONOMOUS)**

*II-BCA II-Semester Model Paper (BR24), JUNE-2026*  
**WEB TECHNOLOGIES (BCA)**

**Time: 3 hours**

**Max.Marks:70**

*Question Paper consists of Part-A and Part-B*  
*Answer ALL the question in Part-A and Part-B*

**PART-A(10X2 =20M)**

		Marks	CO	BL
1.a)	Define URL?	(2M)	CO1	BL1
b)	What is HTML ?	(2M)	CO1	BL1
c)	Define XML?	(2M)	CO2	BL2
d)	What is DTD ?	(2M)	CO2	BL1
e)	What is init() method ?	(2M)	CO3	BL2
f)	What is servlet?	(2M)	CO3	BL1
g)	Define JSP?	(2M)	CO4	BL1
h)	What is JavaScript?	(2M)	CO4	BL2
i)	Define PHP?	(2M)	CO5	BL1
j)	What is MySQL?	(2M)	CO5	BL1

**PART-B(5X10=50M)**

UNIT - I				
2a.	Explain structure of HTML document.	(5M)		
b.	Explain short notes on HTML Forms and Frames.	(5M)	CO1	BL3
(OR)				
3a.	what is Internet, WWW, Web Server and Web Browser in detail.	(10M)	CO1	BL2

UNIT - II				
4a.	Explain XML basics and structure.	(10M)	CO2	BL2

(OR)				
5a.	Difference between DOM and SAX (Simple table).	(10M)	CO2	BL2

UNIT - III				
6a.	Explain Servlet with Simple diagram and steps.	(10M)	CO3	BL2

(OR)				
7a.	Explain Servlet life cycle.	(10M)	CO3	BL3

UNIT - IV				
8a.	Explain Java Script event handling with examples.	(10M)	CO4	BL3

(OR)				
9a.	Explain JSP architecture, processing and implicit objects.	(10M)	CO4	BL3

UNIT - V				
10a.	Explain PHP data types and operations.	(10M)	CO5	BL3

(OR)				
11a.	Explain PHP with MySQL connectivity and file handling.	(10M)	CO5	BL4

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