PAPER ID-311785

Subject Code: KCA021

Roll No: | | | | | | | | | | | | | |

MCA
(SEM III) THEORY EXAMINATION 2023-24
WEB TECHNOLOGY

TIME: 3HRS **M.MARKS: 100**

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. **2 x 10 = 20**

Qno.	Question	Marks	CO
a.	What do you meant by internet and its applications?	2	1
b.	Differentiate between HTML and HTML 5.	2	1
c.	Define JavaScript and its application.	2	2
d.	What do you meant by MARQUE	2	2
e.	Define API and CGI	2	3
f.	What do you meant by Cookies?	2	3
g.	Define AOP.	2	4
h.	What are the various attributes of Tables?	2	4
i.	Why Spring Boot is preferred over any other framework?	2	5
j.	What makes Spring Boot superior to JAX-RS?	2	5

SECTION B

2. Attempt any *three* of the following: **10 x 3 = 30**

a.	Explain the various protocol that are used on internet.	10	1
b.	Design a HTML form for Library Management System.	10	2
c.	Explain the life cycle of servlet.	10	3
d.	What do you meant by Java bean? Is bean life cycle controlled by Spring.	10	4
e.	How to save image in database using Spring Boot?	10	5

SECTION C

3. Attempt any *one* part of the following: **10 x 1 = 10**

a.	Short note on— i) Form ii) List	10	1
b.	Write code in HTML for changing the background color.	10	1

4. Attempt any *one* part of the following: **10 x 1 = 10**

a.	Differentiate between DOM and COM.	10	2
b.	What do you meant by Switch Case?Explain the various control statement in JavaScript?	10	2

5. Attempt any *one* part of the following: **10 x 1 = 10**

a.	Explain Client –Server architecture with suitable diagram.	10	3
b.	Differentiate between Handling HTTP getRequests and Handling HTTP post Requests.	10	3

6. Attempt any *one* part of the following: **10 x 1 = 10**

a.	Discuss Spring Framework architecture with suitable example.	10	4
b.	Explain the various types of scopes in spring?	10	4

7. Attempt any *one* part of the following: **10 x 1 = 10**

a.	Explain Dependency Injection in Spring Boot.	10	5
b.	Write a code in JavaScript for creating Alert and Confirm Box.	10	5

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