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Total No. of Pages : 02

Total No. of Questions : 09

MCA (Sem.-2)
ADVANCED JAVA
Subject Code : PGCA-1918
M.Code : 79617
Date of Examination : 30-05-2023

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY** consisting of TEN questions carrying TWO marks each.
2. **SECTION - B & C** have FOUR questions each.
3. **Attempt any FIVE questions from SECTION B & C** carrying TEN marks each.
4. **Select atleast TWO questions from SECTION - B & C.**

SECTION-A

1. Answer Briefly :

- a) What is a servlet?
- b) What is a session?
- c) Name the directive tags available as per JSP specifications.
- d) What is MVC architecture in struts framework?
- e) List the various components of struts framework.
- f) What is RMI?
- g) Why are stubs used in RMI?
- h) List the CORBA services.
- i) What are the different functionalities supported by Hibernate?
- j) What do you mean by Java Beans?

SECTION-B

2. a) How is the Get method different from the post method? Write a program in support of your answer.

 b) How cookies are used to track a session? Explain in detail.
3. What are the stages of the JSP lifecycle? Explain in detail.
4. How applications are deployed in struts? Explain in detail.
5. How HTTP requests and responses are handled in Servlets? Explain in detail.

SECTION-C

6. Write a program to show the distributed object model using remote method invocation.
7. Explain the architecture of CORBA in detail.
8. What is a Pojo file? Why do we create a Pojo class? Explain in detail.
9. How Java Bean is created? Explain with the help of a program.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.