

This question paper contains 2 printed pages]

SF—52—2022

FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (Third Year) (Fifth Semester) EXAMINATION

MAY/JUNE, 2022

(CBCS Pattern)

COMPUTER SCIENCE

Paper S5.CC3

(Java Server Pages (JSP) and Servlets)

(Wednesday, 6-7-2022)

Time : 9.30 a.m. to 1.15 p.m.

Time— 3.45 Hours

Maximum Marks—75

N.B. :— All questions are compulsory.

1. Attempt any *five* of the following : 15
 - (a) Explain role of JSP.
 - (b) Explain servlet life cycle.
 - (c) Explain session tracking.
 - (d) Describ basic syntax of JSP.
 - (e) Explain error page attribute.
 - (f) Explain why to use beans.
 - (g) Explain MVC.

2. Attempt the following (any *two*) : 10
 - (a) Explain how to debug servlet.
 - (b) Explain basic servlet structure.
 - (c) How to read data from servlet ?

P.T.O.

3. Attempt the following (any *two*) : 10
- (a) Design a servlet that will generate HTML text.
 - (b) Explain session tracking API.
 - (c) Explain how to invoke java code from JSP.
4. Attempt the following (any *two*) : 10
- (a) Explain isELIgnored attribute.
 - (b) Design a Servlet that shows per client access count.
 - (c) Explain error page and isErrorpage attributes.
5. Attempt the following (any *two*) : 10
- (a) Explain how to forward the request with JSP. Forward.
 - (b) What is beans ? Explain its benefits.
 - (c) Explain StringBeans.
6. Attempt the following (any *two*) : 10
- (a) Explain MVC architecture.
 - (b) Explain RequestDispatcher.
 - (c) Explain basic JDBC examples.
7. Attempt the following (any *two*) : 10
- (a) Explain searching in database.
 - (b) Explain prepared statement.
 - (c) Describe database access with JDBC utilities.