

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BVoc DEGREE EXAMINATION DECEMBER 2022
(Third Semester)

Branch – NETWORKING AND MOBILE APPLICATION

JAVA SERVER PROGRAMMING

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

1. JSP is used for _____.
(i) client side language for validation (ii) Server-side dynamic content generation
(iii) client/Server active language (iv) Client side language for testing
2. Which of the following is not a directive?
(i) Export (ii) page
(iii) include (iv) useBean
3. Which MySQL property is used to create a surrogate key in MySQL?
(i) UNIQUE (ii) SEQUENCE
(iii) AUTO_INCREMENT (iv) None of the mentioned
4. Which statement is used to set a content type in XML?
(i) <%@page%> (ii) <%@content%>
(iii) <%@type%> (iv) <%@text%>
5. Java specification defines an application programming interface for communication between the Web server and the application program?
(i) Servlet (ii) Server
(iii) Program (iv) Randomize

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

6. a) Bring out the use of JSP.
OR
b) Narrate the problems associated Servlets.
7. a) Describe about custom tag libraries.
OR
b) Develop a JSP code to show the declaration of tag libraries.
8. a) Explain about Syntax errors with example.
OR
b) How will you debug a JSP application?

Cont...

- 9 a) Explain how to generate an XML data.
OR
b) Describe the scripting elements used in JSP.
- 10 a) Narrate the uses of Servlets in Java.
OR
b) Summaries about JSP error page.

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a) Discuss in detail about JSP application design with MVC.
OR
b) Highlight in detail about HTTP working and its usage.
- 12 a) Discuss the declaration of bean in a JSP page with example.
OR
b) Elucidate the setting of bean properties in a JSP page with example.
- 13 a) Trace the Runtime errors in a JSP application with example.
OR
b) Summaries the accessing of Database from a JSP page.
- 14 a) Point out the Transformation of XML into HTML with example..
OR
b) Highlight in detail about the Implicit Scripting objects.
- 15 a) Discuss the J2EE web application model with diagram.
OR
b) Enumerate about Filters and Listeners.

Z-Z-Z END