

**PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)**

**MSc DEGREE EXAMINATION MAY 2022
(First Semester)**

Branch – COMPUTER SCIENCE

WEB APPLICATION DEVELOPMENT TECHNOLOGY

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (5 x 1 = 5)

1. Computer web pages are written in _____ type of language.
a) hyperlink b) multimedia
c) hypertext d) assembly

2. _____ attributes are mandatory in <jsp:getProperty /> tag.
a) name property b) name type
c) type id d) id property

3. _____ operator divides left hand operand by right hand operand and returns remainder.
a) * b) /
c) % d) **

4. Three tier architecture includes _____.
a) Three server layers b) Two client layers and one server layer
c) A client layer and two server layers d) Three client layers

5. Variable name in PHP starts with _____.
a) ! (Exclamation) b). \$ (dollar)
c) & (ampersand) d) # (Hash)

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

- 6 a Discuss basic concepts of HTTP How the request is processed in HTTP?
OR
b What is the basic feature of WWW? How it functions?

- 7 a Discuss form components with example.
OR
b Explain different ways of element access in javascript with example.

- 8 a Explain Scalar data types in PERL.
OR
b List the operators in PERL and explain how do I perform an operation in PERL.

- 9 a Write a query to create, insert, delete and update table with example.
OR
b Discuss the way to connect DSN using PERL DBD-ODBC driver.

- 10 a Discuss various data types available in PHP.
OR
b Explain rules for elements in PHP. How do I declare an element in XML?

Cont...

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

11 a What is DNS? Explain domain and subdomain with suitable example.

OR

b Explain the concept of server side technology for web applications.

12 a Explain the basic table tags with different attributes.

OR

b Create a form for student information. Write javascript code to find total average, result and grade.

13 a List all the important functions supported by Perl. Explain any three function with example.

OR

b Explain with suitable example to generate html document with PERL.

14 a Discuss how does ODBC work in Perl.

OR

b Sketch out 3 tier architecture of web application.

15 a Explore different control structures of PHP with syntax and example.

OR

b Explain XSLT concept in Web applications, state its advantages.

Z-Z-Z

END