

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2022  
(First Semester)

Branch – COMPUTER SCIENCE

**FULL STACK WEB DEVELOPMENT**

Time: Three Hours

Maximum: 50 Marks

**SECTION-A (5 Marks)**

Answer ALL questions

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

1. A web-application is an application program that is usually stored on a remote server, and users can access it through the use of \_\_\_\_\_.  
(i) Internet (ii) compiler  
(iii) browser (iv) operating system
2. In HTML List, the \_\_\_\_\_ tag used for define unordered list.  
(i) <ul> (ii) <ol>  
(iii) <ul> (iv) <li>
3. Expansion of CGI is \_\_\_\_\_.  
(i) common group interface (ii) common gateway interface  
(iii) community gateway interface (iv) community group interface
4. A \_\_\_\_\_ is a logical name for a data repository or database.  
(i) DSN (ii) Perl  
(iii) CGI (iv) DBI
5. A PHP script starts with \_\_\_\_\_ and ends with \_\_\_\_\_.  
(i) <?php, ?> (ii) {, }  
(iii) <, /> (iv) begin, end

**SECTION - B (15 Marks)**

Answer ALL Questions

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

- 6 a. Write the infrastructure required for Internet service.  
OR  
b. What is the use of GET and POST method ?
- 7 a. Write an example for HTML list.  
OR  
b. Write the list of operators in Java Script.
- 8 a. What is scalar variable?  
OR  
b. Illustrate the conditional operator with example.
- 9 a. What is mean by Three-tier architecture?  
OR  
b. What is the importance of DSN?
- 10 a. Write the syntax of print statement in php and example also.  
OR  
b. What is XML? What are the advantages of XML?

Cont...

**SECTION -C (30 Marks)**  
Answer ALL questions  
ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a. What is HTTP transaction? Explain.  
OR  
b. Explain about the DNS with example.
- 12 a. Explain any three HTML form elements with example.  
OR  
b. How to define and use functions in Java Script?
- 13 a. Write the structure of subroutine in Perl and explain.  
OR  
b. How to prepare reports in Perl? Explain.
- 14 a. How to insert values in SQL table using Perl?  
OR  
b. Explain the procedure to establish connection with MS Access.
- 15 a. Explain the looping statements of php.  
OR  
b. Write a program to illustrate the forms and controls in ASP.

Z-Z-Z

END