

18. Explain the different tables present in MySQL.
 19. How SSL works with Apache? Explain in detail.
 20. Explain Stored Procedures in MySQL and PHP.
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S.No. 7399

PN 15 IT 9

(For candidates admitted from 2015–2016 onwards)

M.Sc. DEGREE EXAMINATION, NOVEMBER 2023.

Information Technology

**OPEN SOURCE BASED WEB APPLICATION
DEVELOPMENT**

Time : Three hours

Maximum : 100 marks

SECTION A — (10 × 2 = 20)

Answer ALL the questions.

1. What are some common issues that arise when working with LAMP stacks?
2. What is the best way to load balance connections across multiple servers using LAMP?
3. Write the MySQL command to change the root password.
4. Define Kernel.
5. Make different between user and group in Apache.

6. What are two major types of XML parsers using in PHP?
7. How to connect PHP to MySQL Database.
8. Draw hierarchal structure of Linux File System and explain five directories.
9. What is the difference between BLOB and TEXT?
10. How to execute a PHP script using command line?

SECTION B — ($5 \times 7 = 35$)

Answer ALL the questions.

11. (a) What are some ways to improve the performance of a website running on a LAMP stack?

Or

- (b) What is a trigger and does MySQL support triggers? Explain.

12. (a) How to retrieving data from MySQL Database using PHP? Explain.

Or

- (b) Define the terms related to Object Oriented Programming Concepts in PHP?

13. (a) How to execute a PHP script using command line? Explain.

Or

- (b) Explain accessing Form Input with User-Defined Arrays with an example.

14. (a) Explain Hidden Fields to save state with an example.

Or

- (b) Write the difference between LAMP and LEMP stack.

15. (a) What are some of the most important skills for a LAMP developer to possess?

Or

- (b) Discuss about the Website hosted on Apache Web Server.

SECTION C — ($3 \times 15 = 45$)

Answer any THREE questions.

16. Describe the most important files in Linux including kernel and shell.
17. Explain three decision making statements supports in PHP.