Methodology & Syllabus for the Post of Assistant Programmer :

:: METHODOLOGY ::

   i.   Practical Question Paper will comprise of 3 subjective questions on the subjects of PHP, MySQL and LINUX and all of them will be compulsory;

   ii. The distribution of marks among the subjects for practical examination will be 20 for PHP, 20 for MySQL and 10 for LINUX;

   iii. There will be MCQ paper of 10 marks consisting of 20 questions carrying half mark each, followed by a subject based viva-voce of 10 marks on the subjects of Open Office, Server Management and Hardware and Networking;

   iv. The Total Marks of Practical Test will be 70 and time duration will be allowed 1 ½ hour;

:: SYLLABUS OUTLINE ::

I.   Open Office:

•Introduction and various versions
•Applications of Open Office
•Components such as Writer, Calc, Impress, Draw, Math. Base, Database Connectivity through ODBC, JDBC.

II. LINUX:

•What is Open Source? Linux usage and Basics, Running Commands
•Browsing the File System, Users Groups & Permission
•The Linux File System VIM, Shell Programming, Basic System Configuration

III. Hardware and Networking Concepts

•PC Troubleshooting
•Hardware and Software Installation and issues related to compatibility
•Client Server Application
•Configuration of Switch/Routers
•Configuration and Management of Network
•Wireless Network, Security & Management

III. PHP & MySQL:

•PHP Basics,
•Objects,
•Database Concepts.
•PHP-MySQL Connectivity

IV. Server Management:

•Installation &. Configuration
•Data backup and restore
•General Problem Solving Model, Preparing for issues. Finding errors and status information.
•Common problems and troubleshooting

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