

# **Uttar Pradesh Public Service Commission**

## **UPPSC Programmer and Programmer Grade–1 Syllabus**

- Computer-based statistical & Numerical methods, Discrete Structures
- Programming and Problem Solving through C and C++
- Data Structures through C and C++
- Object Oriented Programming through Java
- Computer System Architecture
- Database Management System with working knowledge on FoxPro/Oracle/Ingress/Sybase/DB/JET etc.
- Structured System Analysis and Design
- Operating Systems, UNIX and Shell Programming
- Automata Theory and Compiler Design
- Data Communication and Network Technologies with case studies on
- NOVELL/Windows NT
- Wireless and Mobile Communication, Network Management,
- Cryptography and Information Security
- Computer Graphics and Multimedia, Digital Image Processing, Visual Programming
- Software Engineering & CASE Tools, Software Testing & Quality
- Management, Software Project Management
- Artificial Intelligence, Neural Networks, Data Warehouse & Data Mining
- INTERNET Technology, Web Design and Web Services
- Parallel Computing
- Machine Learning and Python
- E-Commerce

## **Uttar Pradesh PSC Programmer Grade–2 Syllabus**

- OS: Windows/Unix Commands & Tools
- Programming Language: C, C++, JAVA
- Scripting Languages: JAVA Script, Perl etc.
- DATA BASE: Basic Concepts, Queries, Transact
- DBMS Packages: MS Access, ORACLE, MYSQL, SQL Server
- WEB SERVER: Deployment and knowledge of PHP, (APACHE IIS) ASP, NET
- NETWORK: Internet working, Internet Socket programming skills

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- Web Content: HTML/XML exposure Development
- Document preparation: Working knowledge of Office Suite

### **UPPSC Computer Operator Syllabus**

- The Computer operator needs to assist Programmer and higher ups in day to day operations.
- Basic knowledge of Computing System with different operating system (live windows/Unix) Have working knowledge of one or two programming languages  
Should have exposure on DBMS packages
- Good in information ordering and possess oral and written comprehensive skills
- OS: Working knowledge with essential commands of Windows/ Unix.
- Programming Languages: Programming skills in C and C++ or JAVA
- Document Preparation: Deep exposure in Office Suites
- DBMS Packages: Data Entry skills in different DBMS packages like MS Access, ORACLE, MYSQL etc.
- Internet: Exposure on Web Server and Web Page management