



## **Syllabus for Written & Skill Test**

### **Web Designer**

1. Verbal Ability (English Language based)
2. Reading Comprehension (English)
3. Quantitative aptitude
4. Reasoning ability
5. CorelDraw, Adobe Creative Suite
6. SDLC
7. Web Designing
8. Web Development:
  - a. PHP Programming
  - b. Web Development Frameworks (Laravel, MVC architecture, database interaction, form validation)
  - c. Front End Development (HTML5, CSS, JavaScript, jQuery)
  - d. Database Management (MySQL)
  - e. Web Development tools like Git and GitHub
  - f. Package managers like npm
  - g. Apache and Xampp
  - h. Web Application deployment
  - i. Building CRUD applications
  - j. Effective communication, collaboration and team work

### **IT & Computer Assistant**

1. Verbal Ability (English Language based)
2. General Aptitude, General Knowledge, Quantitative aptitude, Reasoning and Analytics
3. Type of printers
4. Network Fundamentals (TCP/IP, OSI model, subnetting, etc.)
  - a. Network protocols and services (DNS, DHCP, FTP, HTTP, etc.)
  - b. Network hardware components (routers, switches, firewalls, etc.)
  - c. Network Configuration and Administration

- d. VLAN configuration and management
  - e. IP addressing and subnetting.
  - f. Firewall configuration and management.
  - g. Intrusion detection/prevention systems (IDS/IPS)
  - h. VPN configuration and management
  - i. Network monitoring tools and techniques.
  - j. SNMP (Simple Network Management Protocol)
  - k. Log analysis and event correlation.
5. Basic computer hardware components
    - a. Operating systems fundamentals (Windows, macOS, Linux)
    - b. Software installation and troubleshooting
  6. IT Support and Troubleshooting
    - a. Help desk support procedures
    - b. Ticketing systems usage and management
    - c. Common software and hardware issues troubleshooting)
  7. Software Applications Support
    - a. Microsoft Office Suite (Word, Excel, PowerPoint, Outlook)
    - b. Email configuration and troubleshooting
    - c. Browser configuration and troubleshooting
  8. Hardware Maintenance and Inventory Management
    - a. Computer hardware maintenance tasks
    - b. Inventory management procedures
    - c. Equipment procurement and disposal processes

**Note: -** *It may be noted that apart from the topics given above, questions from other topics related to the job and prescribed for the educational qualification of the post may appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper.*