

Assistant (Technical) Pay Level - 5 (GP: 2800)**Tentative date of written exam: 2nd/ 3rd week of November 2025****The syllabus (domain based) of written exam (MCQ / skill based descriptive) for promotion on the post of Assistant (Technical) will be as follows:**

1.	Concepts of various Operating systems such as Windows, Linux etc., installation, configuration and management. Syllabus of Domain Knowledge, Networking protocols, TCP/IP, LAN/WAN configuration, routing, firewall set up and network troubleshooting, Understanding of system security, access control, authentication methods, encryption and vulnerability assessment, Database management, setting up and managing web servers, email servers FTP servers etc, Concepts of virtualization and cloud computing, cloud services, and their administration, Back up and recover, Coding, VBA, Programming of software, knowledge of Scripting languages for automating task, Familiarity with Government IT policies, data protection regulations and compliances, Latest technology trends and awareness of technologies in the field of IT etc. Introduction to GIS concepts and principles; Types of GIS data formats; Spatial data analysis and visualization; Cartography and map design; GIS software tools (ArcGIS, QGIS); GIS data collection methods (survey, GPS, digitization, remote sensing); Spatial database management; Basics of Remote Sensing technology; Electromagnetic spectrum and interaction with Earth's surface; Remote sensing platforms (satellites, drones); Image interpretation and classification; Principle and Components of GNSS; GNSS Applications; Digital Elevation Model (DEM) and related terminologies (DSM, DTM, DSM); Applications of remote sensing in environment, agriculture, urban and regional planning, forestry, landscape, conservation, architecture, and disaster management; Geospatial programming and tools; Web-based mapping tools and applications; Open-source GIS software and plugins; Geospatial data privacy and security; Government IT policies, data protection regulations and compliances; Latest technology trends in GIS and remote sensing (AI/ML, cloud GIS, big data, IoT integration).
2.	Basic Knowledge of GFR, Procurement of Goods & Services, CCS (Leave) Rules, Office Procedure, Tenders, SPAs Statutes & Act, Academic Ordinances of SPAB.

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