

SYLLABUS FOR POST OF:

Sr.MANAGER (INFORMATION TECHNOLOGY) (POSTCODE:11)

PART- I

General Aptitude

1. **Verbal Ability:** English grammar, sentence completion, verbal analogies, word groups, instructions, critical reasoning and verbal deduction.
2. **Numerical Ability:** Numerical computation, numerical estimation, numerical reasoning and data interpretation.

General Awareness

Indian History, Indian Polity, Indian Economy, Indian Geography, Current Affairs(National & International)

Business & Managerial Skills

Introduction to Business Activities, Understanding Service Industries, Marketing Products and Services, Customer Relations, Understanding Business Activities, Basic Marketing

PART- II

CORE AREA

- Provide ICT solutions for customers after understanding their requirement.
- Knowledge of datacenter services, IaaS and PaaS
- Knowledge of data bases like MySQL, Oracle, Cassandra and Hadoop file systems

- Storage: Information Lifecycle Management(ILM) and storage tiering
Requirement Analysis and Design Strategy
Requirement Gathering and Analysis
Developing a Storage Networking Design Strategy
Business Value Analysis
Implementation and Validation
- Storage Systems Environment:
- Components of a Storage System Environment: Disk drive components, Disk Drive Performance, Logical Components.
- Data protection:
- Concept of RAID and its Components, Different RAID levels and their suitability for different application environments Comparison of Levels.
- Intelligent Storage Systems;

- Components, Intelligent Storage Array, High-level architecture and working of an intelligent storage system.
- Introduction to Networked Storage:
- Manage ISP and Webhosting Systems on required hardware platforms in a production environment with minimum downtime.
- Manage all internet applications inclusive to, but not limited to DNS, JBOSS, TOMCAT, LDAP, Apache and PHP. In addition, be proficient in writing scripts, and maintaining backups.
- Design, configure, install and maintain all hardware including, but not limited to clustered, stand alone servers, blade servers, running VMware, and storage solutions including, RAID, and SAN technology.
- Provide technical support, training and technical documentation to the Information Technology team, auxiliary departments and contractors.
- Optimizing DBMS for multi-core architectures
- Resident XML DBMS
- Schema-less DBMS
- Data warehousing
- Data integration
- Simple object access protocol
- Service oriented architecture
- Caching strategies in DBMS
- SLA and OLA in Cloud
- Concept of Backup and Recovery
- Backup and Recovery Administration Responsibilities
- Defining a Backup Strategy
- Planning for Disaster Recovery
- RDBMS Backup and Recovery Fundamentals
- ITIL/ISO20001/ISO27000
