

## **NTS TEST COMPOSITION**

### **Position Title**

### **Test Criteria**

#### **Assistant Director-IT**

##### **(Networks)**

- **20 % English**
- **15 % Analytical**
- **05 % Ethics**
- **10 % General Networking Concepts**

(Cabling, Port Numbers, Protocols Headers, Layers etc.)

- **50 % Core Field (Networking)**

(Access List Controls, Inter Vlan Routing, LAN Infrastructure, VTP Concepts, VLans Concepts, Ether Channels, Load Balancing, Port Security, MAC Filtering, Protocols Configuration and Functionality, DHCP, Network Monitoring etc.)

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#### **Assistant Director-IT**

##### **(Network Security)**

- **20 % English**
- **15 % Analytical**
- **05 % Ethics**
- **10 % General Networking Concepts**

(Cabling, Port Numbers, Layers, DNS, DHCP, Port Security, V Lans, ACLs etc.)

- **50 % Core Field (Networking & System Security)**

(Network Monitoring, Security Implementation, Network Security Reporting, Digital Forensic, Packet Filtering and Monitoring, Intrusion Detection and Prevention, Network Security Implementation, Access Control & Authentication, Implementing Encryption & Authentication etc.)

#### **Assistant Director-IT**

##### **(System Administration)**

- **20 % English**
- **15 % Analytical**
- **05 % Ethics**

- **10 % General Networking Concepts**

(Cabling, Port Numbers, Protocols Headers, Layers etc.)

- **50 % Core Field (System Administration & Monitoring)**

(Installation, Management and Monitoring of Different Servers i.e. DNS, DHCP, Domain Controller, Additional Domain Controller Storage Area Network, E-mail Server, Proxy Server, UTM Firewall, Virtualization, SAN/NAS Solutions etc.)

#### **Assistant Director-IT**

**(Java Development)**

- **15 % English**
- **15 % Analytical**
- **05 % Ethics**
- **65 % Core Field (Java Development)**

(Java 35 %, Data Base 20 %, Algorithm 15%)

#### **Assistant Director**

**(General Cadre)**

- **30 % English**
- **30 % Analytical Reasoning**
- **25 % Quantitative Reasoning**
- **10 % Computer Skills**
- **05 % Ethics**

#### **Assistant Director**

**(Town Planning)**

- **15 % English**
- **10 % Analytical Reasoning**
- **10 % Quantitative Reasoning**
- **05 % Ethics**
- **10 % LDA Rules and Regulations**

(LDA Act 1975, LDA Building Control Rules)

- **50 % Post Based**

(Master Planning, Building & Development Control, Urban and Rural Planning, Building Construction Technology, Surveying & Leveling, Architecture Design, Planning Law etc)

**Assistant Director Engg**

**(Electrical)**

- **15 % English**
- **10 % Analytical Reasoning**
- **10 % Quantitative Reasoning**
- **10 % Computer Skills**
- **05 % Ethics**
- **50 % Post Based**

(Electric Circuits, Semi-Conductor Devices, Network Analysis, Electrical Machines, Signals and Systems, Power Transmission and Distribution, Power Electronics, Power System Design and analysis, Engineering Economics and Management etc.)

**Assistant Director Engg**

**(Mechanical)**

- **15 % English**
- **10 % Analytical Reasoning**
- **10 % Quantitative Reasoning**
- **10 % Computer Skills**
- **05 % Ethics**
- **50 % Post Based**

(Engineering Mechanics, Thermodynamics, Fluid Mechanics, Industrial Material, Hydraulics, Machine Design, Mechanics of Machine, Refrigeration and Air Conditioning, Energy Resources and Utilization, Power Plants, Heat and Mass Transfer etc.)

**Assistant Director Engg**

**(Civil)**

- **15 % English**
- **10 % Analytical Reasoning**
- **10 % Quantitative Reasoning**
- **10 % Computer Skills**
- **05 % Ethics**
- **50 % Post Based**

(Construction Material, Engineering Mechanics, Surveying, Fluid Mechanics, Civil Engineering Construction & Graphics, Construction Management & Planning, Structural Analysis, Hydraulic Engineering, Plain and Reinforced Concrete, Pavement and Foundation Engineering, Irrigation etc.)

**Senior Draftsman**

- **15 % English**
- **10 % Analytical Reasoning**
- **10 % Quantitative Reasoning**
- **10 % Computer Skills**
- **05 % Ethics**
- **50 % Post Based**

**Sub Engineer**

**(Civil / Mechanical / Electrical)**

- **20 % English**
- **10 % Quantitative Reasoning**
- **15 % Computer Skills**
- **05 % Ethics**
- **50 % Post Based**

**Accounts Assistant**

- **15 % English**
- **10 % Quantitative Reasoning**
- **10 % Analytical Reasoning**
- **10 % Computer Skills**
- **05 % Ethics**
- **50 % Post Based**

**Data Entry Operator**

- **10 % English**
- **10 % Analytical Reasoning**
- **45 % Computer Skills**
- **05 % Ethics**
- **30 % Skill Test / Typing**