**BIBLIOGRAFIE si TEMATICA**

pentru sustinerea concursului in vederea ocuparii postului de Inginer specialist IT

1. **Rețele de Calculatoare - ANDREW S. TANENBAUM, ediţia a patra, 2003, Editura Byblos – varianta electronica**

Introducere

Nivelul fizic

Nivelul legătură de date

Subnivelul de acces la mediu

Nivelul rețea

Nivelul transport

Nivelul aplicație

Securitatea rețelelor

1. **Administering Windows Server 2012 by Orin Tomas**

Deploying and updating Windows Server 2012 R2

Managing account policies and service accounts

Configuring name resolution

Administering Active Directory

Managing Group Policy application and infrastructure

Group Policy settings and preferences

Administering network policies

Administering remote access

Managing file services

Monitoring and auditing

1. **MCTS Guide to Microsoft Exchange Server 2010 Configuration: Exam 70-662**

Installing Exchange Server 2010

Exchange Databases and Address Lists

Exchange Mailboxes

Installing Exchange Server 2010

Distribution Groups and Public Folders

Configuring Client Access

Federated Sharing and Role Based Access Control

Routing and Transport Rules

Configuring Transport Servers

Monitoring Exchange Server 2010

Logging and Reports

Managing Records and Compliance

Message Integrity, Antivirus and Anti-Spam

Exchange High –Availability Solution

Exchange Disaster Recovery

1. **Manuale Cisco CCNA**

Networking Fundamentals

Ethernet Lans and Switches

IP Version 4 Addressing and Subnetting

Implementing IP Version 4

Advanced IPv4 Addressing Concepts

IPv4 Services

IP Version 6

Configuration and IOS Management Commands

IP Routing

Virtual LANs (VLANs)

Managing a Cisco Internetwork

1. **Sisteme de transmisiuni telefonice**

Vedere de ansamblu asupra reţelei de telefonie fixă. Aspecte generale şi definiţii legate de reţelele telefonice.

Sisteme telefonice analogice şi digitale

Tehnici de comutaţie: Numerotaţie, ISDN, PSTN

Dimensionarea reţelelor de telecomunicaţii

Telefonie pe Internet-VOIP

**Bibliografie:**

1. Andrew S. Tanenbaum - Retele de calculatoare EDITI A A PATRA;
2. Administering Windows Server 2012 by Orin Tomas;
3. MCTS Guide to Microsoft Exchange Server 2010 Configuration: Exam 70-662;
4. Manuale Cisco CCNA; [www.ciscopress.com](http://www.ciscopress.com) ; <https://learningnetwork.cisco.com>;
5. Documentaţie Microsoft şi Microsoft Press (www.microsoft.com; <http://technet.microsoft.com>);
6. The Mobile Communications Handbook – Jerry D. Gibson
7. Packet Guide to Voice over IP - BRUCE HARTPENCE

**Se accepta orice sursa de documentare echivalenta care acopera tematica**