

# Computer Awareness - Subject Course

Course Schedule:

## Computer Architecture

externalvideo	Input-Output Devices and CPU of Computer
externalvideo	Computer Memory Unit
externalvideo	RAM, ROM, Cache, Flash and Virtual Memory
certification	Practice Questions on Cache/Primary/Secondary Memory
externalvideo	Hard Disk, Floppy Disk, Magnetic Tapes, DVD and Compact Disk
externalvideo	Blu ray, Flash Drive, Memory Card
certification	Practice Questions on Storage Devices
externalvideo	Input Devices Class 1 - Keyboard, Mouse, Hardware
externalvideo	Input Devices Class 2 - MICR, Biometric Scanner, Webcam
certification	Practice Questions on Input Devices
externalvideo	Output Devices Class 1 - Monitor, LED, Printer
externalvideo	Output Devices Class 2 - Plotter, Speaker, Headphones, Projector

certification

Practice Questions on Output Devices

certification

Computer Architecture - Easy Level Quiz

certification

Computer Architecture - Moderate Level Quiz

## Operating System

externalvideo

Understanding Operating Systems and its Functions

externalvideo

Types of Operating Systems

externalvideo

User Interface and Booting

externalvideo

Unix, Mac OS, Windows 10

externalvideo

Android, API, IOS, MS Dos

certification

Practice Questions on Operating Systems

certification

Practice Quiz 1 - Easy Level Questions

certification

Practice Quiz 2 - Moderate Level Questions

certification

Practice Quiz 3 - Advanced Level Questions

## Computer Software

externalvideo

Introduction to Computer Software; FAT and NTFS

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externalvideo	What is an Application Software?
externalvideo	Types of Application Softwares
certification	Practice Questions on System Software
certification	Practice Questions on Application Software
externalvideo	Utility Software - Definition and Examples
externalvideo	Programming Languages
certification	Practice Questions on Programming Languages
externalvideo	Fork, Thread, Deadlock and Multiprocessing
certification	Practice Quiz 1 - Easy Level Questions
certification	Practice Quiz 2 - Moderate Level Questions
certification	Practice Quiz 3 - Advanced Level Questions

## **Data Representation / Number System**

externalvideo	Introduction to Data Representation; Binary Number System
externalvideo	Octal Number System

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externalvideo	Hexadecimal Number System
externalvideo	Decimal Number System
certification	Practice Questions on Different Number Systems
externalvideo	Other Systems and Gates
certification	Practice Questions on Logic Gates
certification	Practice Quiz 1 - Easy
certification	Practice Quiz 2 - Moderate
certification	Practice Quiz 3 - Difficult

## **MS Word**

externalvideo	File Menu
externalvideo	Home Menu
externalvideo	Insert Menu - Class 1
externalvideo	Insert Menu - Class 2
externalvideo	Page Layout Menu
externalvideo	References Menu

externalvideo

Mailing Menu

externalvideo

Review Menu

externalvideo

View Menu

externalvideo

Short Cut Keys in MS Word

## **MS Word - Practice Sessions and Quizzes**

externalvideo

Practice Questions Session

externalvideo

One Liner Questions - Part 1

externalvideo

One Liner Questions - Part 2

certification

Practice Questions on MS Word

certification

Practice Quiz 1 - Easy

certification

Practice Quiz 2 - Moderate

certification

Practice Quiz 3 - Difficult

## **MS Excel**

externalvideo

Introduction to Microsoft Excel

externalvideo

File Menu

externalvideo

Home Menu

externalvideo

Insert Menu

externalvideo

Page Layout Menu

externalvideo

Formulas Menu

externalvideo

MS Excel Short Cut Keys

## **MS Excel - Practice Sessions and Quizzes**

externalvideo

Question Session - Part 1

externalvideo

Question Session - Part 2

certification

Practice Questions on MS Excel

certification

Practice Quiz 1 - Easy

certification

Practice Quiz 2 - Moderate

certification

Practice Quiz 3 - Difficult

## **Power Point**

externalvideo

File Options

externalvideo

Home Options

externalvideo

Insert Options

externalvideo

Design, Animation and Slideshow Options

externalvideo

Review and View Options

externalvideo

Short Cut Keys

## **Power Point - Practice Session and Quizzes**

externalvideo

Practice Questions Session

certification

Practice Questions on Power Point

certification

Practice Quiz 1 - Easy Level Questions

certification

Practice Quiz 2 - Moderate Level Questions

certification

Practice Quiz 3 - Advanced Level Questions

## **Data Communication and Networking**

externalvideo

Data Communication,Networking and Transmission  
Modes

externalvideo

Communication Channels

externalvideo

Bandwidth, Network Throughput, Baud and GPS

certification	Practice Questions on Communication Mediums - Wired/Wireless Technology
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externalvideo	Computer Network
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externalvideo	VPN Server Node
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externalvideo	Network Protocol
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externalvideo	Network Devices, Hub, MAU, Switch, Bridge
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externalvideo	Modem, Router and Gateways
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certification	Practice Questions on Network Types and Devices
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externalvideo	Network Topology - All Types & Application
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certification	Practice Questions on Network Topologies
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externalvideo	Communication Services - Multiplexing, Ethernet, CDMA, PSTN, Packet Switching
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## Data Communication and Networking - Practice Quizzes

certification	Practice Quiz 1 - Easy
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certification	Practice Quiz 2 - Moderate
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certification	Practice Quiz 3 - Difficult
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## Internet

externalvideo	Introduction and History of Internet
externalvideo	Advantages, Disadvantages and Services
externalvideo	Internet Connections
externalvideo	Intranet and ISDN
externalvideo	User Datagram and HTTP Protocol
externalvideo	WAP, Usenet, PPP and HTTPS Protocols
certification	Practice Questions on Internet Models and Protocols
externalvideo	Webpages and Websites
externalvideo	Web Server, URL and Domain Names
certification	Practice Questions on Web-pages and Websites
externalvideo	Blog, Newsgroup and Search Engines
externalvideo	Chatting, Email and Online Education
externalvideo	E Banking and E commerce
externalvideo	Social Networking and Internet Security

certification

Practice Questions on Uses & Services of Internet

## **Internet - Question Sessions & Practice Quizzes**

externalvideo

Question Session 1

externalvideo

Question Session 2

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Practice Quiz 1 - Easy Level Questions

certification

Practice Quiz 2 - Moderate Level Questions

certification

Practice Quiz 3 - Advanced Level Questions