

Computer Awareness - Subject Course

Course Schedule:

Computer Architecture

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| 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 |

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| certification | Practice Questions on Output Devices |
| certification | Computer Architecture - Easy Level Quiz |
| certification | Computer Architecture - Moderate Level Quiz |

Operating System

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| 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

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|---------------|---|
| 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

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|---------------|---|
| 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

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

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| externalvideo | Mailing Menu |
| externalvideo | Review Menu |
| externalvideo | View Menu |
| externalvideo | Short Cut Keys in MS Word |

MS Word - Practice Sessions and Quizzes

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| 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

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| externalvideo | Introduction to Microsoft Excel |
| externalvideo | File Menu |

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| 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

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| 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

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| externalvideo | File Options |
| externalvideo | Home Options |

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| externalvideo | Insert Options |
| externalvideo | Design, Animation and Slideshow Options |
| externalvideo | Review and View Options |
| externalvideo | Short Cut Keys |

Power Point - Practice Session and Quizzes

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| 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

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

Data Communication and Networking - Practice Quizzes

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|---------------|-----------------------------|
| certification | Practice Quiz 1 - Easy |
| certification | Practice Quiz 2 - Moderate |
| certification | Practice Quiz 3 - Difficult |

Internet

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| 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 |

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| certification | Practice Questions on Uses & Services of Internet |

Internet - Question Sessions & Practice Quizzes

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| externalvideo | Question Session 1 |
| externalvideo | Question Session 2 |
| certification | Practice Quiz 1 - Easy Level Questions |
| certification | Practice Quiz 2 - Moderate Level Questions |
| certification | Practice Quiz 3 - Advanced Level Questions |