
	<b>Selvam College Of Technology, Namakkal</b> <b>(Autonomous)</b> <b>IT Support &amp; Development Training Programme</b> <b>(ISDTP)</b>		
<b>Worksheet - 1</b>			
<b>Bundle &amp;Subject Name</b>	Proficient Bundle V2 (2025) Troubleshooting V2	<b>Semester</b>	VIII

**Answer Key. (10\*1=10)**

- What is the first thing you should do before installing Windows 10 on a new custom PC?
  - Make sure the system has a valid Windows 10 license key
  - Ensure that the system is plugged into a network
  - Check if the RAM is properly seated
  - Insert the Windows 10 installation USB/DVD

**Ans: A) Make sure the system has a valid Windows 10 license key**
- Which of the following boot devices should be used to install Windows 10 on the custom PC?
  - NVMe SSD
  - DVD drive
  - USB drive with the Windows 10 installation media
  - External hard drive

**Ans: C) USB drive with the Windows 10 installation media**
- What file system should the NVMe SSD be formatted with during the clean installation of Windows 10?
  - NTFS
  - FAT32
  - exFAT
  - ext4

**Ans: A) NTFS**
- Which partition scheme is recommended for installing Windows 10 on a new NVMe SSD in UEFI mode?
  - MBR
  - exFAT
  - GPT
  - NTFS

**Ans: C) GPT**

- What is the main advantage of using a USB 3.0 drive over a USB 2.0 drive for Windows 10 installation?
  - USB 3.0 is faster, reducing installation time
  - USB 3.0 is more compatible with older systems
  - USB 3.0 is needed to run Windows 10
  - USB 3.0 is required for NVMe drives to work

**Ans: A) USB 3.0 is faster, reducing installation time**
- Once Windows 10 is installed, how should you activate the operating system if the system does not automatically activate?
  - Enter the product key manually during installation
  - Log in to a Microsoft account
  - Purchase a new product key online
  - Use Windows 10 without activation indefinitely

**Ans: A) Enter the product key manually during installation**
- Which CPU would be the best choice for a ₹50,000 gaming PC build that can handle 1080p gaming with smooth frame rates?
  - Intel Core i3-12100F
  - AMD Ryzen 5 3600
  - Intel Core i5-12400F
  - AMD Ryzen 7 5800X

**Ans: C) Intel Core i5-12400F**
- Which graphics card (GPU) would provide the best performance for 1080p gaming in the ₹50,000 budget range?
  - NVIDIA GTX 1660 Super
  - AMD Radeon RX 6700 XT
  - NVIDIA RTX 3050
  - AMD RX 6600 XT

**Ans: C) NVIDIA RTX 3050**
- What amount of RAM should you choose for this gaming PC build?
  - 8GB DDR4
  - 16GB DDR4
  - 32GB DDR4
  - 4GB DDR4

**Ans: B) 16GB DDR4**
- What is the recommended power supply wattage for a ₹50,000 gaming PC build with the components chosen above?
  - 300W
  - 450W
  - 550W
  - 650W

**Ans: C) 550W**