

Quiz 05 – Chapter 05 – System Software: OS and Utility**[55 Marks, 45 Minutes]****Name:** _____**Roll No:** _____**Question 1: [1x8 marks] [estimated time 7 minutes]**
Supply the missing words to complete the statements.

1. The means by which an operating system or any other program interacts with the user is called the _____.
2. _____ refers to the ability of an operating system to have more than one program open at one time.
3. _____ is a memory-management technique that uses hard drive space as additional RAM.
4. The process of placing items in a buffer so they can be retrieved by the appropriate device when needed is called _____ or _____.
5. GUI stands for _____.
6. Mac OS is based on _____ operating system.
7. A _____ is a software program that performs a specific task, usually related to managing or maintaining a computer system.

Question 2: [1x10 marks] [estimated time 5 minutes]
Identify the nature of file extensions. Write “D” for Documents, “P” for Programs, “G” for Graphics, “A” for Audio, “V” for Video and “C” for Compressed files.

- a) .exe _____.
- b) .mp4 _____.
- c) .docx _____.
- d) .htm _____.
- e) .zip _____.
- f) .png _____.
- g) .com _____.
- h) .gif _____.
- i) .pdf _____.
- j) .wav _____.

Question 3: [1x5 marks] [estimated time 5 minutes]
Circle T if the statement is true and F otherwise.

1. **T F** Most operating systems today use a command line interface.
2. **T F** File Explorer is an operating system designed for mobile phones.
3. **T F** Windows Phone is a versatile operating system designed to be used on a variety of computer types, such as mainframes, servers, personal computers, and mobile phones.
4. **T F** Windows 8 is an example of an operating system.
5. **T F** Mobile devices, such as media tablets and mobile phones, typically require an operating system.

Question 4: [4x4 marks] [estimated time 18 minutes]
Give Short answers to the followings**1. What is Multithreading?**

2. Differentiate Multiprocessing and Parallel Processing?

3. Name four utility programs.

4. What is a buffer?

Question 5: [8x2 marks] [estimated time 10 minutes]
List four operating systems each for personal computers and mobile devices and write down one-line description of each at following lines.