

Quiz 04 – Chapter 04 – Input and Output**[60 Marks, 50 Minutes]**

Name: _____

Roll No: _____

Question 1: [1x10 marks] [estimated time 10 minutes]
Supply the missing words to complete the statements.

1. _____ is a pointing device.
2. An input device that looks like an upside-down mouse with the ball on top is a(n) _____.
3. The part of the CPU that performs logical operations and integer arithmetic is the _____.
4. OCR stands for _____.
5. _____ is an input device that reads printed text and graphics and transfers them to a computer in digital form.
6. The unit for measuring the quality of scanned images indicated by optical resolution is _____.
7. _____ code that represents data with a matrix of small squares.
8. A voice input system requires software and a(n) _____ in order to input voice data or commands into a computer.
9. _____ is a smallest colorable area in an electronic image, such as a scanned image, a digital photograph, or an image displayed on a display screen.
10. _____ An output device that sprays droplets of ink to produce images on paper.

Question 2: [1x5 marks] [estimated time 5 minutes]
Match each input device to its input application, and write the corresponding number in the blank to the left of the input application.

1. Keyboard
2. Stylus

3. RFID tag
4. Biometric reader
5. Touch screen

- a. Pen-based computing: _____
- b. Media tablet: _____
- c. Text-based data entry: _____
- d. Secure facility access: _____
- e. Tracking goods: _____

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

1. **T F** Duplex scanners can scan top sides of a document at one time.
2. **T F** Scanner is an output device.
3. **T F** Color display each pixel is combination of two colors.
4. **T F** Laser printers can only print in black and white.
5. **T F** Consumer kiosks located in retail stores commonly use touch screens for input.

Question 4: [6x5 marks] [estimated time 25 minutes]
Give Short answers to the followings

1. **Write the three devices where pen/styluses are used?**

2. What is mechanism of handwriting recognition?

6. Would an OLED display or an LCD display use more battery power? Explain why.?

3. What is function of OCR?

4. What is RFID and RFID tag?

Question 5: [1x10 marks] [estimated time 5 minutes]
For the following list of computer input and output devices, write the appropriate abbreviation (I or O) in the space provided to indicate whether each device is used for input (I) or output (O).

- a. _____ Biometric reader
b. _____ Digital camera
c. _____ Graphics tablet
d. _____ Data projector
e. _____ Speaker
f. _____ Microphone
g. _____ Photo printer
h. _____ OLED monitor
i. _____ Flat-panel display
j. _____ Gaming controller.

5. What is difference between Color and Monochrome displays?
