# Answers

Q1: **For each of the following tasks that can be performed on a computer, state whether they would be a job for the operating system or an application:**

a) Writing a letter: **Application**
b) Calculating someone's pay: **Application**
c) Finding space in RAM for program: **Operating System**
d) Controlling the phasing of traffic lights.: **Application**

Q2: **Fill in the blanks with the appropriate words given in the box below.**

| Keyboard | Touchscreen | Scanner | Sensor |
|---|---|---|---|
| Microphone | Digital Camera | Graphics Tablet | OMR(optical mark reader) |

a) Text and graphics data can be entered into a computer using a **scanner**
b) A **Sensor** is a device that converts a real-world property into data that a computer can process.
c) Designers and artists often used **graphic tablet** to allow hand movements during graphics applications.
d) An **OMR** is used to correct MCQ questions
e) A device used to record images in digital form that can be transferred to a computer is called **digital camera**

Q3: **Match Column A and Column B and write the correct answer in Column C.**

| | Column A | | Column B | Column C |
|---|---|---|---|---|
| A | Keyboard | 1 | Is commonly used to communicate with people over the internet | **A-3** |
| B | Magnetic stripe reader | 2 | To play games | **B-4** |
| C | Light Pen | 3 | Enter text | **C-5** |
| D | Touch Screen | 4 | Is used to read information contained in the magnetic strip on cards | **D-6** |
| E | Joystick | 5 | Is a pointing device that can detect the presence of light | **E-2** |
| F | Microphone | 6 | Is a touch-sensitive display used for information kiosks located in hotels airports etc. | **F-1** |

**Q4:** Most banks have Automatic Teller Machines on the outside of their branches. Banks issue customer with a plastic card so that they can use the ATM. They also give customers Personal Identification Numbers (PINs)

a) **State the reason why each customer is given a PIN**
   Your PIN should be kept secret because it allows access to important services such as financial transactions. Using a secure PIN is crucial to preventing unauthorized access to your information, accounts, and assets.

b) **Give two benefits to the bank of this cash machine system**
   - Ban staffs are freed from performing routine transaction.
   - Fewer staff are needed since the computer does much of the routine work.

c) **Give two benefits to the customer of this cash machine system**
   - Can remove cash from the customer's account
   - The customer has the possibility to use the service 24 hours per day.

d) **List out 3 things that you can do when using an ATM.**
   - Transferring money between accounts
   - Obtain a brief statement describing recent transactions
   - Withdrawing and depositing of cash.

e) **Mention one problem that the customer might find when using a cash machine.**
   - Cannot obtain coins or foreign currencies.

Q5:

a) **Identify the username and network name in the email address given below**

   [viksha@live.com](mailto:viksha@live.com)

   User Name: **viksha**
   Network Name: **live.com**

b) **What is Internet?**
   A global computer network providing a variety of information and communication facilities, consisting of interconnected networks using standardized communication protocols.

c) **List two services offered by the Internet.**
   - Online Services like E-commerce , E-Learning etc.
   - Video conferencing can be held
   - Entertainment