

## 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:

- Writing a letter: **Application**
- Calculating someone's pay: **Application**
- Finding space in RAM for program: **Operating System**
- 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)

- Text and graphics data can be entered into a computer using a **scanner**
- A **Sensor** is a device that converts a real-world property into data that a computer can process.
- Designers and artists often used **graphic tablet** to allow hand movements during graphics applications.
- An **OMR** is used to correct MCQ questions
- 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
<b>A</b>	Keyboard	<b>1</b>	Is commonly used to communicate with people over the internet	<b>A-3</b>
<b>B</b>	Magnetic stripe reader	<b>2</b>	To play games	<b>B-4</b>
<b>C</b>	Light Pen	<b>3</b>	Enter text	<b>C-5</b>
<b>D</b>	Touch Screen	<b>4</b>	Is used to read information contained in the magnetic strip on cards	<b>D-6</b>
<b>E</b>	Joystick	<b>5</b>	Is a pointing device that can detect the presence of light	<b>E-2</b>
<b>F</b>	Microphone	<b>6</b>	Is a touch-sensitive display used for information kiosks located in hotels airports etc.	<b>F-1</b>

**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**

- Bank 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

