

St. Andrews Scots Sr. Sec. School

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Session: 2025-2026

Class: VIII

Subject: Computer

Topic: Ch-3 Answer Key

A. Choose the correct option:

1. Sophia
2. Edge
3. AR
4. Virtual assistant apps
5. VR device

B. State whether the statement is 'True' or 'False'.

1. True
2. False
3. True
4. False
5. True
6. False

C. Answer the following questions:

1. What is robotics?

Ans. Robotics is a branch of engineering that uses technologies such as Artificial Intelligence and Machine Learning. It deals with the design, construction, operation, and application of robots. Robots are nowadays used to build cars, manufacture and pack items, perform surgeries.

2. Explain Machine Learning.

Ans. Machine learning (ML) is a technology that enables computers to learn from data and improve their performance on a task without being explicitly programmed for that task.

3. Distinguish between AR and VR. Give two examples of each.

Ans. Augmented Reality (AR) - Augmented Reality is a technology that superimposes sounds, images and text on the real world that we can see. Images are created by developers within applications that blend in with content in the real world. For Example, Snapchat, Pokemon Go.

Virtual Reality (VR) - Virtual Reality is a technology that creates a complete virtual world that users can interact with. In this world, you can experience places as if you were actually there. While using virtual reality, the user almost always wears VR devices such as HTC Vive or Google Cardboard.

4. What is 3D printing? Name any one 3D printing object.

Ans. 3D Printing or 3-Dimensional Printing is a process of making a physical object from a three dimensional physical model. The object can be made using a number of printing materials, including plastics, powders, filaments, paper or even human tissue. Tvasta is India's first 3d printed house which was created in 2020, in Chennai.