



ST. MARGARET SR. SEC. CHOOl
SAMPLE PAPER 2025-26
COMPUTER SCIENCE
CLASS-VIII

Time: 1Hr

M.M: 25

SECTION-A

1X5=5

Multiple Choice Questions (Write the correct answer)

1.Statement 1: The default scale figure that appears in SketchUp is called "Mike".

Statement 2: Mike helps users understand the relative size of the objects drawn in a SketchUp model.

- a. Both Statement1 and Statement 2 are true, and Statement 2 is the correct explanation of Statement 1.
- b. Both Statement 1 and Statement 2 are true, but Statement 2 is not the correct explanation of Statement 1.
- c. Statement 1 is true, but Statement 2 is false.

2. Assertion (A): AI-enabled smart homes allow users to control appliances remotely.

Reason (R): Smart home devices are connected through the internet and controlled via smartphones or voice commands.

- A. Both A and R are true and R is the correct explanation of A
- B. Both A and R are true but R is not the correct explanation of A
- C. A is true but R is false

3. _____ tool is used to convert a 2D shape into a 3D object in SketchUp.

- a. Push/pull
- b. Material
- c. Eraser

4. Complete the steps to save the file in Sketchup

Click on _____ Button-> Select Sketchup Projects-> Give a _____ and click on Save

- a.Open, header
- b. Save , Name
- c. Close, Name

5. _____ is a 3D modelling software used for design applications like Architectural, industrial, landscape, films and game development.

- a. Microsoft Word
- b. Code.Org
- c. Sketchup

SECTION-B

1X8=8

One Word/ Short Answer Question

6. Define Narrow AI.
7. Sneha has created a 3D model in SketchUp and saved the file. Help her by listing the steps to download the SketchUp file.
8. Give any two examples of Narrow AI
9. Write steps to group various components in Sketchup
10. Mention any two advantages of Artificial Intelligence
11. State the role of 3D text in Sketchup
12. . "Home is a place where people living in feel safe, cared and appreciated. Smart Homes enhance this experience and provide a better life for the people living in them. " Explain
13. How can we apply color and texture using materials?

SECTION-C

2x3=6

14. Differentiate between General AI and Super AI
- 15 Explain the use of AI in the given fields
 - a. Navigation
 - b. Education
16. Name and write about any two Navigation tools used in Sketchup.

SECTION-D

3x2=6

17. Write about the use of the following used in Sketchup:
 - a. Select
 - b. Rectangle
 - c Scale
18. Explain any 3 risk and barriers of Artificial Intelligence