

INTERNATIONAL INDIAN SCHOOL, BURAI DAH

Computer Science — Class 6 (2026–27)

Worksheet – I

Chapter 1, 5 and 7

A. Multiple Choice Questions (MCQs)

[1 mark each]

1. How many rows are available in Excel 2016?
(a) 1,048,576 (b) 1,049,576 (c) 1,024,576
2. Who coined the term Machine Learning?
(a) John McCarthy (b) Allen Newell (c) Arthur Samuel
3. Which block is used to manage and display game information such as scores and levels?
(a) Loops block (b) Info block (c) Variable block
4. By default, how are numbers aligned within a cell in Excel?
(a) Left-aligned (b) Right-aligned (c) Center-aligned
5. The first intelligent humanoid robot built in Japan in 1972 was called:
(a) Shakey (b) Sophia (c) WABOT-1
6. Which of these is an example of coding in real life?
(a) Traffic lights (b) Writing a book (c) Painting a picture
7. What is created when a row and a column intersect in Excel?
(a) Cell (b) Worksheet (c) Range
8. Which of the following is not a component of MakeCode Arcade?
(a) Toolbox (b) Share (c) Music blocks
9. A file that contains multiple worksheets in Excel is called a:
(a) Notebook (b) Worksheet (c) Workbook
10. Who coined the term “Artificial Intelligence”?
(a) John McCarthy (b) Herbert Simon (c) Allen Newell
11. What is coding also known as?
(a) Debugging (b) Programming (c) Designing
12. In which year did IBM's Deep Blue defeat world chess champion Garry Kasparov?
(a) 1958 (b) 1972 (c) 1997

B. Fill in the blanks.

[1 mark each]

1. _____ automation uses smart devices to control lighting, temperature and security in a household.
2. There are _____ columns in Excel 2016.
3. By default, text data is _____ aligned in a cell.
4. A _____ is the basic unit of a worksheet.

5. _____ blocks are used for logging values and messages to the console for debugging purposes.
6. In 1958, John McCarthy introduced _____, the most widely used programming language for AI research.
7. The _____ feature in Excel quickly creates a series of numbers, dates, etc.
8. Richard Wallace developed the chatbot _____.
9. A _____ erases the old value when you enter a new one.

C. Write 'T' for True and 'F' for False.

[1 mark each]

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1. Sophia, developed by Hanson Robotics, was the world's first 'robot citizen'. (_____)
 2. A workbook in Excel 2016 shows one worksheet by default. (_____)
 3. A cell address is given by its column letter and row number. (_____)
 4. AI systems follow strictly predefined rules and cannot adapt to new data or situations. (_____)
 5. Amazon created Alexa, a home assistant that functions as a personal assistant. (_____)
 6. Virtual assistant Siri is a product of Apple. (_____)
 7. Make Code's main objective is to make programming approachable and attractive. (_____)
 8. All formulas always begin with a plus (+) sign. (_____)
 9. You cannot set a background colour in MakeCode Arcade. (_____)

D. Answer the following questions.

[2 marks each]

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1. What is coding?
 2. Name any 4 humanoid robots.
 3. Define cell and cell address.
 4. Write the use of Auto Fill.
 5. What do you understand by MakeCode Arcade?
 6. What is AI?
 7. What is the difference between a worksheet and a workbook?

E. Answer the following questions.

[3 marks each]

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1. Explain any three block categories of MakeCode Arcade.
 2. What is the difference between Artificial Intelligence (AI) and Automation?
 3. Explain about LISP and Deep Blue.
 4. Name the different types of data entered in Excel.
