

INTERNATIONAL INDIAN SCHOOL BURAI DAH
Class 7: COMPUTER WORKSHEET (2026-2027)

A. Multiple Choice Questions (MCQs).

1. What is Artificial Intelligence (AI)?
(a) A programming language **(b) A field in computer science** (c) A type of robot
2. What is the primary goal of data science?
(a) New OS **(b) Insights from data** (c) Write programs
3. What is the primary function of Natural Language Processing (NLP)?
(a) Identifying objects **(b) Understanding language** (c) Analysing data
4. Which is an example of machine learning?
(a) Pie chart **(b) Cat image training** (c) Manual folder
5. What is a key ethical concern in computer vision?
(a) File size **(b) Privacy invasion** (c) Image colours
6. Why do we use a conditional statement?
(a) To make decisions (b) To perform operations (c) Both (a) & (b)
7. Which of the following is used to execute code based on a single condition?
(a) If statement (b) Operators (c) Nested if
8. Which block is used to create a variable?
(a) Variables block (b) Operator block (c) None of these
9. Which block is used to calculate the remainder of a division?
(a) Operator block **(b) Remainder of (/)(/)** (c) Both (a) & (b)
10. Which of the following blocks belong to the logical operators category?
(a) AND (b) OR **(c) Both (a) & (b)**
11. Which function calculates the average of a range of cells in Excel?
(a) SUM **(b) AVERAGE** (c) MAX
12. Which error message does Excel display if a formula contains invalid value?
(a) #DIV/O! **(b) #VALUE!** (c) #REF!
13. What is the correct syntax for an absolute cell reference in Excel?
(a) A\$1 **(b) \$A\$1** (c) \$1\$A
14. Which Excel function is used to find the largest value in a range of cells?
(a) AVERAGE **(b) MAX** (c) COUNT
15. Which operator is used for multiplication in Excel formulas?
(a) + **(b) *** (c) /

B. Fill in the blanks.

1. **Data Mining** means finding patterns, connections or insights in big databases.
2. **NLU (Natural Language Understanding)** helps the machine to interpret data for understanding the meaning of data.
3. **NLG (Natural Language Generation)** is a method for creating meaningful sentences in natural language.
4. **Data** can be obtained through observations, measurements, studies or analysis.
5. **Data Science** refers to collecting and analysing data to uncover patterns and insights.
6. MakeCode Arcade has different types of **operators** to help with various tasks.
7. Relational and **logical** operators are the key tools for evaluating conditions.
8. The **if** statement will display the result when the condition is true.
9. We can use **nested if** blocks, where an if block is inserted into another if block.
10. An **if-else- if** is useful for allowing a program to execute different blocks of code based on which condition is true.
11. A function in Excel is a predefined **formula** for calculations on cells.
12. The **AutoSum** feature in Excel is used to quickly add numbers in a selected range of cells.
13. The **SUM** function adds all the numbers in a range of cells.
14. The #DIV/0! error occurs when a number is divided by **Zero**.
15. Mixed reference in Excel combines aspects of **relative** and **absolute** references.

C. Write T for true and F for false statements.

1. NLP helps machines identify and process pictures. **F**
2. NLU converts text into a machine-readable format. **T**
3. Google Assistant recognises your speech and understands it. **T**
4. AI has three domains: Computer Vision, NLP, and Statistical Data. **T**
5. Big data can easily be processed using conventional data tools. **F**
6. The AutoSum feature is used to subtract numbers in a selected range of cells. **F**
7. The #NAME? error occurs when a number is divided by zero. **F**
8. The MAX function returns the largest value from a range of cells. **T**
9. Mixed references in Excel combine relative references with other mixed references. **F**
10. Formulas in Excel are case-sensitive, so A1 and a1 are treated differently. **F**