



Brain International School

Vikas Puri, New Delhi

REVISION SHEET

SUBJECT: F.I.T

CLASS-VII

TERM II

Ch-6: Conditional Statements using Makecode

Q1 What is a conditional statement used for ,in MakeCode?

- a) To repeat a block of code
- b) To store values
- c) To make decisions based on conditions
- d) To draw shapes

Q2 Which block is used to check a condition in MakeCode?

- a) forever
- b) if
- c) on start
- d) pause

Q3 What will the if block do if the condition is FALSE?

- a) Run the code inside the block
- b) Skip the code inside the block
- c) Stop the program
- d) Restart the program

Q4 Which operator is used to compare two values in a condition?

- a) +
- b) =
- c) ==
- d) ++

Q5 What will this condition check? if temperature > 25

- a) If temperature is equal to 25
- b) If temperature is greater than 25
- c) If temperature is less than 25
- d) If temperature is not 25

Q6 In MakeCode, conditions usually return which type of value?

- a) Number
- b) Boolean (True or False)
- c) String
- d) Image

Q7 What is the difference between if and if–else statements?

Q8 Which comparison operators are most commonly used in conditional statements in MakeCode?

Q9 Give one real-life example and one programming example of a conditional statement.

Ch-7: Control Statements in Python

Q1 Which of the following is a correct Python conditional statement?

- a) if x > 5
- b) if x > 5:
- c) if (x > 5) then
- d) if x > 5 do

Q2 What is the role of indentation in Python conditional statements?

- a) It improves speed
- b) It defines blocks of code
- c) It shows comments
- d) It prints output

Q3 Which logical operator is used when all conditions must be true?

- a) OR
- b) AND
- c) NOT
- d) XOR

Q4 What will be the output of the following code?

`x = 10`

`if x < 5:`

`print("Small")`

`else:`

`print("Big")`

Q5 What will be the output of the following code?

`print(10 % 3)`

- a) 3
- b) 1
- c) 0
- d) 10

Q6 What will be the output of this expression?

`5 > 3 and 2 < 4`

- a) False
- b) True
- c) Error
- d) None

Q7 Which operator assigns a value to a variable?

- a) ==
- b) =
- c) !=
- d) >=

Q8 Write the output of the following expressions:

- a) `7 > 5`
- b) `10 == 5`
- c) `8 != 3`

Q9 Name the different types of operators in Python.

Ch-8: Natural Language Processing

Q1 List various tasks and techniques of NLP

Q2 Why is NLP important?

Q3 Give two examples of NLP used in daily life.

Q4 Which device feature uses NLP to understand spoken commands?

- a) Touchscreen
- b) Voice recognition
- c) Keyboard
- d) Mouse

Q5 Which of the following is NOT an NLP task?

- a) Language translation
- b) Face recognition
- c) Text summarization
- d) Speech recognition

Q6 Which of the following applications uses NLP?

- a) Image editing software
- b) Spell checker
- c) Video player
- d) Drawing tool

Q7 A tourist uses Google Translate to understand a foreign language. How does NLP help in this situation?

Q8 While typing an essay, spelling and grammar mistakes are underlined automatically. Which NLP application is this?

Q9 A teacher uses an app to convert spoken words into written text for notes. Which NLP feature is being used?

Q10 A movie streaming app recommends movies based on user reviews written in text.

Which NLP task helps analyze these reviews?

Ch-8: Machine Learning

Q1 What is Machine Learning?

- a) A machine that works without electricity
- b) A way to teach computers to learn from data
- c) A programming language
- d) A type of hardware

Q2 Which of the following is an example of Machine Learning?

- a) Calculator
- b) Face recognition in phones
- c) Washing machine
- d) Printer

Q3 What does a machine learn from in Machine Learning?

- a) Electricity
- b) Data and examples
- c) Instructions only
- d) Hardware parts

Q4 Which of the following is NOT a Machine Learning application?

- a) Email spam detection
- b) Voice assistant
- c) Traffic signal lights
- d) Movie recommendation system

Q5 Which ML type finds patterns without given answers?

- a) Supervised learning
- b) Reinforcement learning
- c) Unsupervised learning
- d) Guided learning

Q6 Which statement is TRUE about Machine Learning?

- a) Machines think like humans
- b) Machines learn only once
- c) Machines learn from data
- d) Machines do not need data

Q7 What is data in Machine Learning?

Q8 Why is Machine Learning important today?

Q9 A game becomes harder as a player improves. Which type of machine learning is being applied?

Q10 What might happen if Machine Learning systems are trained with incorrect data?