**✅ MCQs on Comments in Python**

**1. What is the correct syntax for a single-line comment in Python?**

a) // This is a comment  
b) # This is a comment  
c) /\* This is a comment \*/  
d) -- This is a comment

**✔️ Answer: b)** # This is a comment

**2. What is the purpose of comments in Python code?**

a) To make the program run faster  
b) To confuse the interpreter  
c) To explain code for humans  
d) To generate output

**✔️ Answer: c)** To explain code for humans

**3. Which of the following can be used for multi-line comments in Python?**

a) /\*\* ... \*/  
b) # ... #  
c) ''' ... '''  
d) --> ... <--

**✔️ Answer: c)** ''' ... '''

**4. What happens when Python encounters a comment line?**

a) It throws a syntax error  
b) It prints it as output  
c) It ignores it  
d) It stores it in memory

**✔️ Answer: c)** It ignores it

**5. Which of these is NOT a valid way to write a comment in Python?**

a) # This is a valid comment  
b) ''' This is a valid comment '''  
c) "This is a comment"  
d) """ This is also a comment """

**✔️ Answer: c)** "This is a comment"

**6. Comments in Python can be used to:**

a) Execute special instructions  
b) Create variables  
c) Explain the logic of code  
d) Import libraries

**✔️ Answer: c)** Explain the logic of code

**7. What is the output of the following code?**

# print("Hello")

print("World")

a) Hello  
b) World  
c) Hello World  
d) No output

**✔️ Answer: b)** World

**8. What is the result of this code?**

'''This is a

multi-line comment'''

print("Done")

a) Error due to improper comment  
b) This is a multi-line comment  
c) Done  
d) Nothing

**✔️ Answer: c)** Done

**9. Which of these is a true statement?**

a) Python does not support comments  
b) Only single-line comments are allowed in Python  
c) Triple quotes can be used as comments  
d) Comments must end with a semicolon

**✔️ Answer: c)** Triple quotes can be used as comments

**10. Comments improve the following aspect of code:**

a) Execution speed  
b) Debugging time  
c) Readability and maintenance  
d) Memory usage

**✔️ Answer: c)** Readability and maintenance