

AI (ML & DL) Course Assessment - 20 MCQs

1. What does AI stand for?

• Artificial Integration

• Automated Input

• Artificial Intelligence

• Actual Intelligence

2. Which software is commonly used to manage Python environments?

• Oracle

• Anaconda

• VS Code

• Docker

3. Which editor is used for Python development?

• Notepad

• Photoshop

• VS Code

• CorelDraw

4. Which command shows the current working directory in Linux?

• ls

• cd

• pwd

• mkdir

5. Which command is used to display file content?

• ls

• cat

• mv

• cp

6. What does 'sudo' do in Debian?

• Change directory

• Gives root permissions

• Prints content

• Deletes file

7. Which operator is used for exponentiation in Python?

• ^

• \*\*

• \*

• %

8. What is the result of type(input()) in Python?

• int

• str

• float

• bool

9. Which keyword is used to create a comment?

• //

• #

• /\*

• <!--

10. Which data structure is immutable?

• List

• Set

• Tuple

• Dictionary

11. Which data structure stores key-value pairs?

• List

• Tuple

• Set

• Dictionary

12. What is the result of set([1, 2, 2, 3])?

• [1, 2, 2, 3]

• {1, 2, 3}

• (1, 2, 2, 3)

• Error

13. Which keyword is used to skip current loop iteration?

• pass

• break

• continue

• stop

14. Which loop is used when iterations are fixed?

• while

• for

• do-while

• foreach

15. Which of these is a ternary expression?

• if-elif

• if else

• Inline if-else

• while if

16. Which function is used to define anonymous function?

• def

• lambda

• func

• return

17. Which built-in function applies another function to each item?

• map

• filter

• reduce

• sum

18. Which function filters elements based on condition?

• map

• reduce

• filter

• lambda

19. What does lambda return?

• Variable

• Function object

• Value

• Class

20. Which function opens a file for reading?

• file()

• read()

• open()

• input()