O. P. JINDAL SCHOOL, SAVITRI NAGAR

Half Yearly Examination (2026 – 2027)

Class: V **MM: 50**

Subject: Artificial Intelligence (AI) **Time: 2 Hr.**

Name: _____ Section: _____ Roll No.:_____

General Instructions: *All questions are compulsory.*

SECTION – A

1. Tick out the correct option: **(10 x 01 = 10 Marks)**

i. Who is credited with coining the term 'Artificial Intelligence'?
a) Isaac Newton b) Albert Einstein c) John McCarthy d) Medicine

ii. Which programming language is known for its simplicity and user-friendly libraries in the context of AI development?
a) C++ b) Java c) Python d) R

iii. Which of the following is an example of non-interactive multimedia?
a) Videos games b) Websites providing tutorials
c) Movies d) Touchscreen facilities

iv. Auxiliary memory is _____ in nature.
a) Permanent b) Temporary c) Secondary d) Primary

v. What does AR stand for in multimedia?
a) Artificial Reality b) Augmented Reality
c) Animated Rendering d) Active Response

vi. 'Giga' is a Greek word that means _____.
a) computer b) bytes c) memory d) giant

vii. Only the _____ of the computer has an access to ROM.
a) mouse b) keyboard c) CPU d) RAM

viii. What does the Find and Replace tool help you do?
a) Change font style b) Locate specific words and replace them
c) Adjust margins d) Apply borders

ix. Which button is used to undo a change?
a) Redo b) Undo c) Find d) None of these

x. What tool allows you to create freehand drawings in Word?
a) Pen tool b) Highlighter tool c) Eraser tool d) Format Painter tool

SECTION – B

2. Fill in the blanks: **(10 x 01 = 10 Marks)**

[Hints: Eraser, John Mc Carthy, Layout Tab, Algorithm, Aibo, Format Painter, Subscript, Animation, Tabs, RAM]

i. _____ is regarded as the father of Artificial Intelligence.

ii. The program that gives a set of actions to be performed is called _____.

iii. _____ is the first robotic dog.

iv. To format text as _____, you would click the Subscript button.

v. Movement of images in a sequence to create the feeling of movement is called _____.

vi. _____ are used to align text neatly in columns.

vii. The more _____ computer has, the faster it works.

viii. The _____ tool copies formatting from one part of a document to another.

ix. To change the page layout to Landscape, go to the _____.

x. The _____ tool helps you remove parts of your drawing.

SECTION – C

3. Write T for True or F for False: **(10 x 01 = 10 Marks)**

i. Norbert Wiener was a key figure in the early development of AI particularly in Feedback Theory. _____

ii. Multimedia is the integrated use of text, images, audio and video. _____

iii. Framing is the imitation of same real life situations using computers. _____

iv. Superscript text appears slightly below the regular line of text. _____

v. The Highlighter tool is used to erase mistakes in your drawings. _____

vi. Fuzzy logic controllers are used in managing schedules for air-traffic controllers. _____

vii. Multimedia is non-interactive. _____

viii. The computer's memory is measured in Kilobytes. _____

ix. The Format Painter can be used to copy both style and size. _____

x. A column Break moves text to the next page. _____

SECTION – D

4. Short answer the following questions: **(05 x 02 = 10 Marks)**

i. Give the full form of ROM and RAM.

ii. Name the two main languages used in AI.

iii. What is the purpose of using headers and footers in a document?

iv. How do you use the Find and Replace tool to change words throughout your document?

v. Name two main types of computer storages.

SECTION – E

5. Long answer the following questions: (Any Two) **(02 x 05 = 10 Marks)**

i. Describe the concept of multimedia. Mention any three ways in which AI makes multimedia better.

ii. Give an account of how AI is used in the aviation field.

iii. How is computer storage is different from our memory?

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