

O. P. JINDAL SCHOOL, SAVITRI NAGAR
Half Yearly Examination (2025 – 2026)

Class: V**Subject: Artificial Intelligence (AI)****MM: 40****Time: 1 Hr.**

Name: _____

Class/Section: _____

Roll No.: _____

General Instructions: All questions are compulsory.**SECTION – A****Q.1 Tick out the correct option: (10 x 01 = 10 Marks)**

i) Movement of images in a sequence to create the feeling of movement is called _____.
 a) Virtual Reality b) Animation c) Simulation d) none of these

ii) _____ is created by displaying a series of pictures in quick succession.
 a) Virtual Reality b) Animation c) Simulation d) none of these

iii) _____ can recognize the feelings of a person with their facial expressions.
 a) Robots b) Virtual Reality c) Emotion sensing d) none of these

iv) _____ helps the physically challenged people to overcome their limitations.
 a) Robots b) Virtual Reality c) Emotion sensing d) none of these

v) The program that gives a set of action to be performed is called _____.
 a) Data b) Prediction c) Algorithm d) none of these

vi) This language is most popular for developing AI programs.
 a) Lisp b) Python c) Prolog d) all of these

vii) This country is the world leader in the production and usage of robots.
 a) Japan b) China c) Korea d) none of these

viii) Expand AI.
 a) Artificial Invigilance c) Artificial Intelligence
 b) Artificial Investigation d) all of these

ix) The tool in the Clipboard group that allows us to copy formatting from one place to another.
 a) Format Painter b) Subscript c) Clipart d) none of these

x) A readymade image stored in Word.
 a) Subscript b) Superscript c) Clipart d) all of these

SECTION – B

Q.2 Fill in the blanks:

(05 x 01 = 5 Marks)

[Hints: John Mc Carthy, Fuzzy Logic, Dante II, Virtual Reality, Simulation]

- i) A make-believe environment created with the help of multimedia is known as _____.
- ii) The process of creating an artificial environment using multimedia is known as _____.
- iii) The robot named _____ was used to monitor the volcanic activity of Alaska's Mount Spurr.
- iv) _____ is regarded as the father of Artificial Intelligence.
- v) Automatic gear boxes use _____ controllers.

SECTION – C

Q.3 Write T for True or F for False:

(05 x 01 = 5 Marks)

- i) Multimedia is the integrated use of text, images, audio and video. _____
- ii) Framing is the imitation of some real-life situation using computers. _____
- iii) Robots are used to cut the grass in the lawns. _____
- iv) Headers and footers are areas in the left and right side of each page. _____
- v) Superscript tool is used to create small characters below the text baseline. _____

SECTION – D

Q.4 Very short answer the following questions:

(05 x 02 = 10 Marks)

- i) What is a robot? Explain.
- ii) Name the two languages used in AI.
- iii) Why AI is considered the most essential part of technology industry?
- iv) What are two options is page orientation?
- v) What is a Find/Replace feature in Word?

SECTION – E

Q.5 Answer the following questions: (Any Two)

(02 x 05 = 10 Marks)

- i) How are robots used in the field of medicine?
- ii) Write short note on the role of multimedia in education.
- iii) Computers cannot replace humans in certain fields. Why?