

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?