

O. P. JINDAL SCHOOL, SAVITRI NAGAR
Half Yearly Examination (2023 – 2024)

Class: III
Subject: Artificial Intelligence (AI)

MM: 40
Time: 1 Hr.

Name: _____

Class/Section: _____

Roll No.: _____

Invigilator's sign: _____

Marks Obtained: _____




Examiner's sign: _____

General Instructions: All questions are compulsory.

SECTION – A

Tick out the correct option:

(10 x 01 = 10 Marks)

- i) Which of the following is a picture of the drone?
 a)  b)  c)  d) All of these
- ii) Which of the following is the product of 'Hi Arya'?
 a) Tea maker b) Coffee maker c) Washing Machine d) None of these
- iii) _____ is used in agriculture for smart farming.
 a) Drones b) Planes c) Helicopters d) All of these
- iv) Which of the following is an input device?
 a) Monitor b) 3D Printer c) Touchpad d) All of these
- v) A _____ device is used to capture employees' daily attendance via fingerprints.
 a) Biometric b) Microphone c) Voice Input d) None of these
- vi) The _____ performs all the arithmetic and logical calculations..
 a) ALU b) Memory Unit c) Control Unit d) All of these
- vii) A _____ is the main secondary storage device.
 a) Hard Disk b) CPU c) Touchpad d) None of these
- viii) Which of the following is an example of a computer-based operating system?
 a) Windows b) iOS c) Android d) None of these
- ix) Which of the following is a long horizontal bar located at the bottom of the desktop?
 a) Notification area b) Status Bar c) Taskbar d) None of these
- x) The small labelled pictures or symbols present on the desktop are called _____.
 a) Icons b) Taskbar c) Status Bar d) All of these
- xi) The _____ acts as an interface between the user and computer hardware.
 a) Operating system b) Application software
 c) Software d) None of these

SECTION – B

Fill in the blanks:

(05 x 01= 5 Marks)

[Hints: Surveillance, Computer, System, Biometric, Maicat]

- i) _____ is an example of an AI-powered cat.
- ii) AI based _____ is automated and works 24 X 7.
- iii) A _____ is mainly made up of hardware and software.
- iv) A _____ device uses voice recognition, fingerprints, or facial scans to identify users.
- v) _____ software is needed for proper working of computer hardware.

SECTION – C

Check whether the following statements are true or false: (05 x 01 = 5 Marks)

- i) AI-powered machines are used in manufacturing only. _____
- ii) In gaming, AI focuses on AI characters only. _____
- iii) A touchpad is available on the laptop. _____
- iv) A pen drive is a portable storage device. _____
- v) A set of instructions is called a program or code. _____

SECTION – D

Very short answer the following questions:

(05 x 02 = 10 Marks)

- i) Write any two examples of AI-powered toys.

- ii) Name any two devices that you can use to listen to music on a computer.

- iii) Write any two devices or applications that follow voice commands.

iv) What does GUI stand for? What is a desktop?

v) Unscramble the following letters to form the correct words.

1. IAGRCULTREU- _____.

2. SUMCONPTION- _____.

SECTION – E

Answer the following questions: (Any Two)

(02 x 05=10 Marks)

i) What does AI stand for? Name any three AI-powered machines or robots that you have heard about.

ii) Write any 2 input devices, 2 internal hardware components, and 1 secondary storage device.

Input Devices - _____

Internal hardware components- _____

Secondary storage device- _____

iii) What is software? Define booting.
