



# B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS  
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL

## ANNUAL EXAMINATION 2025-26 ARTIFICIAL INTELLIGENCE (SET 01)

Class: VII

Date: 12-03-2026

Name: .....

Duration: 2 hrs.

Max Marks: 50

Exam No. :

### **General Instructions:**

1. Please read the instructions carefully.
2. This Question Paper consists of 19 questions in two sections: Section A & Section B.
3. Section A has Objective type questions (MCQ, Fill in the blanks) whereas Section B contains Subjective type questions.
4. All questions of a particular section must be attempted in the correct order.
5. **SECTION A - OBJECTIVE TYPE QUESTIONS (24 MARKS):**
  - i. This section has 03 questions.
  - ii. Marks allotted are mentioned against each question/part.
  - iii. There is no negative marking.
  - iv. Do as per the instructions given.
6. **SECTION B – SUBJECTIVE TYPE QUESTIONS (26 MARKS):**
  - i. This section has 16 questions.
  - ii. A candidate has to do 11 questions.
  - iii. Do as per the instructions given.
  - iv. Marks allotted are mentioned against each question/part.

## **SECTION A: OBJECTIVE TYPE QUESTIONS**

### **I. Multiple Choice Questions: (Answer any sixteen)**

**(16 X 1 = 16)**

- (1) Which type of intelligence is related to the ability to understand and use language ?
  - (a) Linguistic intelligence
  - (b) Logical mathematical intelligence
  - (c) Musical intelligence
  - (d) Bodily kinesthetic intelligence
- (2) Which type of intelligence is related to the ability to understand and create music ?
  - (a) Linguistic intelligence
  - (b) Logical mathematical intelligence
  - (c) Musical intelligence
  - (d) Bodily kinesthetic intelligence
- (3) Which type of intelligence is related to the ability to understand oneself and one's own emotions?
  - (a) Linguistic intelligence
  - (b) Logical mathematical intelligence
  - (c) Musical intelligence
  - (d) Intrapersonal intelligence
- (4) .....is a free PowerPoint plug-in that develops subtitles in real time of what the teacher is saying.
  - (a) Open office Translator
  - (b) Microsoft Translator

- (c) Presentation Translator (d) Powerpoint Translator
- (5) Which one of the following is an artificial intelligence software, a robot writer?  
 (a) JACK (b) WASP (c) Sophia (d) Penny
- (6) What is GIMP ?  
 (a) A free and open source raster graphics editor  
 (b) A proprietary vector graphics editor  
 (c) A commercial photo editing software  
 (d) A cloud based image editing software
- (7) The ....., lets you select a drawing free hand with the pointer, while holding down the left mouse button.  
 (a) Ellipse select tool (b) Rectangle tool  
 (c) Fuzzy select tool (d) Free selection tool
- (8) How many sizes of headers are available in HTML by default ?  
 (a) 6 (b) 7 (c) 8 (d) 9
- (9) HTML files are saved by default with the extension ?  
 (a) .html (b) .htm (c) Both are correct (d) None of these
- (10) We enclose HTML tags within ?  
 (a) Angle brackets (< >) (b) Square brackets ( [ ] )  
 (c) Curly braces ( { } ) (d) None of the above
- (11) Which tag is used to create an image in HTML ?  
 (a) <img> (b) <src> (c) <picture> (d) <video>
- (12) How to create an ordered list in HTML ?  
 (a) Use the <ol> and </ol> tags (b) Use the <ul> and </ul> tags  
 (c) Use the <li> tag only (d) Use all of the above
- (13) Which attribute is used to specify the alternate text for an image in HTML ?  
 (a) <alt> (b) <title> (c) <desc> (d) <summary>
- (14) ..... is the practice of receiving unwanted commercial messages by email, SMS, MMS or any other similar electronic messaging platform.  
 (a) Spamming (b) Pharming (c) Vishing (d) Cryptojacking
- (15) How do computer viruses spread ?  
 (a) Through email attachments (b) Through infected websites  
 (c) Through infected USB drives and other removable media  
 (d) All of the above
- (16) What are the symptoms of a computer virus infection ?  
 (a) Slow performance, frequent crashes and error messages  
 (b) Pop-ups, unwanted advertisements and changes to the computer's settings  
 (c) Loss of personal information, financial fraud and identity theft  
 (d) All of the above
- (17) What is the name of the environment in Python that write your programs and then tests them out ?  
 (a) Shell (b) Window (c) IDLE (d) CLI
- (18) ..... is the extension of a Python program.  
 (a) .pyx (b) .py (c) .pt (d) .pyt
- (19) What is the word (command) used to display numbers and text on the screen ?  
 (a) Print (b) Input (c) Output (d) Command
- (20) What symbol is used in Python to assign values to a variable ?  
 (a) equals = (b) plus + (c) forward slash / (d) asterisk \*

**II. Fill in the blanks : (Answer any 6)**

**(6 X 1 = 6)**

- (1) No ..... are present in an AI system.
- (2) ..... is the father of artificial intelligence.
- (3) Those who have high ..... intelligence are said to be good at body movement, performing actions, and physical control.
- (4) The full form of 'ART' is .....
- (5) ..... is a robot server created by Bear Robotics that can assist human servers, using sensors to navigate crowded restaurants.
- (6) ..... is an AI company that has developed a hand held scanner to classify the contents of food at a molecular level.
- (7) ..... simulates artificial objects in the real environment.
- (8) ..... is the world's most detailed globe.

**III. Write down the expansions of the following :**

**(4 X 0.5 = 2)**

- (a) JPEG                      (b) GIF                      (c) PSD                      (d) PNG

**SECTION B: SUBJECTIVE TYPE QUESTIONS**

**IV. Short Answer Type Questions: (Answer any seven)**

**(7 X 2 = 14)**

- (1) Define Artificial Intelligence and Turing Test.
- (2) Discuss the use of artificial intelligence in the field of : (a) Transport    (b) Education
- (3) What is image editing ? List any two image editing software available.
- (4) Write down the basic structure of an HTML document.
- (5) What is the <img> tag used for ? Explain with example.
- (6) While working on the computer you notice that the System is working very slowly, files are corrupted default home page on the web browser has changed, lot of memory is consumed, and unnecessary pop-ups are coming. What can be the probable reason?
- (7) Define Virtual Reality.
- (8) What is the difference between interactive mode and script mode in Python ?
- (9) "Comments are useful and an easy way to enhance readability and understandability of a program". Elaborate with example.
- (10) What is a variable in Python ? Give two rules to follow when creating a variable.

**V. Long Answer Type Questions : (Answer any four)**

**(4 X 3 = 12)**

- (1) Write three advantages and disadvantages each of Artificial Intelligence.
- (2) Write difference between :  
(a) <br> and <hr> tags                      (b) Container tag and Empty tag
- (3) Write a program in HTML to create an ordered list of the names of the subjects you study in school.
- (4) You have very important data on your computer. How will you ensure that this data remains safe? Explain any three points.
- (5) Write any three features of Python.
- (6) Write a program in Python to calculate simple interest by inputting the value of Principal amount and rate from the user for a time period of 2 years.

\*\*\*\*\* ALL THE BEST \*\*\*\*\*