

**ST. THOMAS SCHOOL, SAHIBABAD**  
**ANNUAL EXAMINATION WORKSHEET (2023-24)**

**CLASS VIII**  
**COMPUTER (402)**

**Time :2 Hours**

**MM:60**

**Q 1 Multiple Choice Questions:**

- i) Which of the following languages is used to make dynamic web pages? 1  
a) HTML                      b) CSS                      c) JavaScript                      d) FTP
- ii) Which of the following is the starting point of every application? 1  
a) CV                      b) Data                      c) NLP                      d) All of these
- iii) Humans have the tendency to get bored while performing \_\_\_\_\_ tasks, which can hamper their productivity. 1  
a) creative                      b) repetitive                      c) challenging                      d) None of these
- iv) AI can be used in managing gender issues online through: 1  
a) Anti-harassment tracking on social media using NLP  
b) Computer Vision  
c) Data analytics of qualifications  
d) Chatbot-enabled counselling for any issues
- v) Which of the following is used to add single line comments in JavaScript? 1  
a) :                      b) //                      c) ;                      d) ""
- vi) What can we achieve by using AI in education? 1  
a) Quality education                      b) Quality books                      c) Quality food                      d) Quality time
- vii) Which of the following can be managed in Smart Cities using data banks? 1  
a) Assets                      b) Resources                      c) Public services                      d) All of these
- viii) Which abilities are possessed by to learn, form concepts, understand, and apply logic and reason? 1  
a) Psychic abilities                      b) cognitive abilities                      c) Both (a) and (b)                      d) None of these

**Q 2 Fill in the Blanks:**

- i) Humans have the tendency to get bored while performing \_\_\_\_\_ tasks, which can hamper their productivity. 1
- ii) JavaScript is a ..... scripting language used for enhancing users' interaction with the web page. 1
- iii) \_\_\_\_\_ will has the capability of understanding a vast scope of activities. 1
- iv) The variables or values on which the operator performs calculation are called \_\_\_\_\_. 1
- v) SDG \_\_\_\_\_ aims to guarantee justice and freedom for all people by 2030. 1

**Q 3 State True or False:**

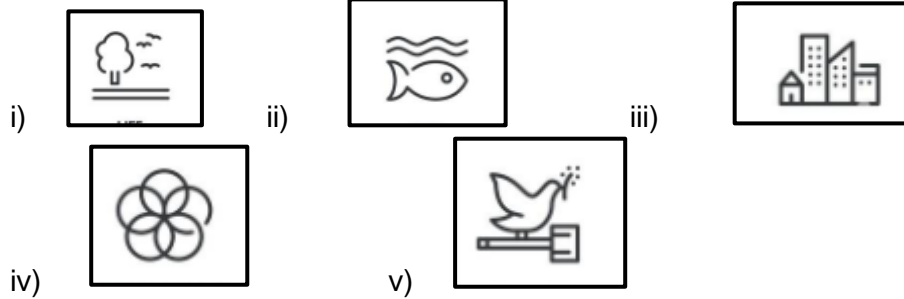
- i) The SRC attribute of the <script> tag allows to give path of the JavaScript file. 1
- ii) Alexa is an example of voice recognition system of AI. 1
- iii) AI can help in solving all 15 UN SDGS. 1
- iv) There are about 1.7 billion websites on the Internet from which 95% websites use JavaScript. 1
- v) Fyle is an expense management app. 1

**Q 4 Answer the following in one sentence:**

- i) Define Variables. 1
- ii) Name any one barrier of AI. 1

- iii) Define Artificial intelligence. 1
- iv) By which year does the SDG aims to end hunger? 1
- v) Which tag is used to add JavaScript in web page? 1

**Q 5 Identify the following SDG Goals and explain them briefly.** 5



**Q 6 Write the answer for the following application-based questions:**

- i) Devansh is a student of Class 8. He wants to create a web page to perform different mathematical operations by taking values from the user. But he does not know which method of JavaScript is used to convert the input values integer. Suggest him the suitable method. 2
- ii) While shopping on Amazon online. Arshaya noticed that the website was able to predict what she was going to buy. She was fascinated with and wondered how was possible. Do you know the reason behind it.? 2

**Q 7 Define the following:**

- i) Narrow A I 2
- ii) document. Write () method 2

**Q 8 Answer the following in short:**

- i) Write the syntax for using the External JavaScript code. 2
- ii) What is the importance of data with reference to AI? Give examples of AI applications based on data. 2
- iii) What is Data Science? 2
- iv) Mention any two benefits of establishing Smart Cities. 2

**Q 9 Answer the following:**

- i) Define operators with example. 3
- ii) What is Convolutional Neural Network used for? 3
- iii) What do you understand by sustainable cities and communities? What role can AI play in this? 3
- iv) What is the role of ICT in Smart Cities? 3

**Q 10 Answer the following:** 4

- i) Write the full form of the following:
  - a) CSS
  - b) NLP
- ii) Give any two examples of devices used in Smart Cities.
- iii) An example of AI assistant used for autoreply.
- iv) Name any one barrier of AI.



ii)	AI systems are biased because they take decisions from the data and training material provided to them. _____	1
iii)	AI Ethics are normally divided into four categories. _____	1
<b>4.</b>	<b>Answer the following questions: -</b>	
i)	<b>Explain ethical concerns of AI related to data (Bias, Inclusions Concerns).</b>	2
<b>ANS</b>		
ii)	<b>What do mean by the term AI Ethics?</b>	2
<b>Ans</b>		
iii)	<b>Explain possibilities of AI in various fields.</b>	2
<b>ANS</b>		
<b>5.</b>	<b>Define the following terms:</b>	<b>4</b>
	a) Automation	
	b) Situational Awareness	