ST. THOMAS SCHOOL, SAHIBABAD
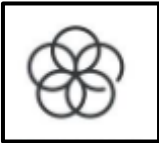## ANNUAL EXAMINATION WORKSHEET (2025-26)
CLASS VIII
COMPUTER (402)

Q 1	**Multiple Choice Questions:**
i)	Humans tend to get bored while performing ………………… tasks, which can hamper their productivity. (A) creative (B) repetitive (C) challenging (D) Interesting
ii)	Which of the following is controlled using a smart thermostat? (A) Temperature (D) Power (C) Density (D) Intensity
iii)	Which of the following is the AI-empowered app that helps its users learn to speak English? (A) Cortana (B) Siri (C) Elsa (D) Youper
iv)	Identify the main objective of SGD 1 A) No poverty B) Gender Equality C) Zero Hunger D) Climate Action
v)	Which of the following languages is used to make dynamic web pages? (A) HTML (B) CSS (C) JavaScript (D) None of these
Q 2	**Fill in the Blanks:**
i)	Face recognition systems used at workplaces and schools to mark attendance are based on _____ .
ii)	_____ are commands and instructions given to the JavaScript interpreter to take some action.
iii)	SDG 2 aims to end hunger issues by the year _____ .
Q 3	**State True or False:**
i)	JavaScript is a platform-dependent.
ii)	Super AI will be far more capable than human beings in every aspect.
iii)	AI can be very useful for monitoring pollution.
Q 4	**Answer the following in one sentence:**
i)	Name an expense management app.
ii)	Name the type of AI that Siri represents.
iii)	An app is used for finding the location of any place on earth.
Q 5.	**Write the full form of the following.**
i)	NLP
ii)	ICT
iii)	RDBMS
	2 MARKS QUESTION
Q 6	**Write the answer to the following application-based questions:**
i)	Ajay created a website using HTML5 and formatted it using CSS. He now wishes to add some interactive elements to the website for the site visitors. How can he achieve this?
ii)	Rimi's father told her about an AI app that can understand voice commands and act accordingly. This app can also control several other smart devices connected to the smart home. This app is developed by Amazon. Which device is he talking about?
iii)	A city installs smart CCTV cameras that use AI to identify suspicious activities and alert security authorities in real time. How is AI being used in security and surveillance in this situation?"
Q 7	**Answer the following in short:**
i)	Write steps to use External JavaScript.
ii)	Differentiate between Narrow AI and General AI.
iii)	What are the benefits of Smart Cities?
	3 MARKS QUESTION
Q 8	**Answer the following:**

i)	Write any three features of JavaScript.
ii)	What is the importance of data with reference to AI? Give examples of AI applications based on data.
iii)	AI can help in improving the quality of education. Elaborate.
	4 MARKS QUESTION
Q 9 i)	**Identify the following SDG Goals and write in brief about them.**
ii)	**Define the Following :** A) Big Data B)Video Doorbells

1 MARK QUESTIONS

1. Tick (✓) the correct answer:

i) _____is using AI to improve the quality of life and save it.
   a) Healthcare industry   b) Business industry   c) Entertainment industry

ii) The term Artificial Intelligence or AI was first used in _____
   a) 1956   b) 1946   c) 1966

iii) Business intelligence developers can be regarded as a subset of _____.
   a) Data scientist jobs   b) Planning and Scheduling   c) All of the above

iv) The term _____is a blanket term that is used to deal with all the ethical concerns and issues related to AI.
   a) 'AI Ethics'   b) 'Computer Ethics'   c) All of the above

v) Which of the following is a major source of data for major companies?
   a) Our smartphone   b) Our Home   c) Our lifestyle

vi) The situation that is created by a system itself and the developer of the system cannot resolve them is known as _____.
   a) Black Box problem   b) Virtual Reality   c) Artificial Reality

2. Fill in the Blanks:

i) AI system used by Amazon for recruitment. This created a situation in which many eligible females were left out of consideration is an example of _____.

ii) _____ normally have post-graduate or doctorate degrees in fields like engineering, mathematics, or computer science.

iii) Companies that are hiring for AI roles are _____ and _____.

iv) _____ problem refers to inherent problems of the AI systems.

3 State True or False:

i) Cyber criminals can use AI technology to hack into more systems and for doing more damage.

ii) Machine learning engineering is one of the most demanded AI related career.

iii) AI Ethics are normally divided into three categories.

2 MARK QUESTIONS

4. Answer the following questions: -

i) What was the reason to gain the popularity to become popular of AI?

ii) Explain any two privacy concerns of AI systems.

iii) Name any four different types of AI careers.

4 MARK QUESTIONS

5 Define the following terms:

a) Perception

b) Notification

c) Recommendation

d) Automation