

VASISHTHA GENESIS SCHOOL, BARDOLI

(Academic Session: 2026-27)

Date: _____	Class: VII	Div: A/B/C/D	Roll No: _____	Sub: I.T.
Name: _____			Worksheet: CH-5 , CH-9 - (PT-2)	

Q1. Choose the correct option and answer the following questions:

i. Which rover had a tiny robotic helicopter of Mars 2020 rover mission of NASA?

- (a) Perseverance (b) Pragyan (c) DOGO (d) Edison

ii. Which of the following is NOT a valid table tag in HTML?

- (a) <tr> (b) <td> (c) <th> (d) <tb>

iii. What does the colspan attribute do in a <td> tag?

- (a) Merges multiple columns into one (b) Merges multiple rows into one
(c) Centers the text inside a table cell (d) Increases the font size of text inside a cell

iv. How can you make an image a hyperlink?

- (a) Wrap the tag inside an <a> tag (b) Use the href attribute inside
(c) Add a link attribute to (d) Use <image> instead of

v. Which robot is manufactured by general robotics to serve as a watchdog for soldiers in the war field?

- (a) DOGO (b) GaurdBot (c) Sweeper (d) PARO

vi. What is the correct tag for inserting a hyperlink in HTML?

- (a) <link> (b) <href> (c) <a> (d) <url>

Q2.State whether the following statements are 'True' or 'False':

- i. The <table> tag is used to create tables in HTML. **True**
ii. The tag requires a closing tag. **False**
iii. The <a> tag is used to create hyperlinks in HTML. **True**
iv. The <th> tag is used to define table rows. **False**
v. The <table> tag can contain <tr>, <th>, and <td> elements. **True**
vi. The agencies like ISRO and NASA use robot to research and explore in space. **True**
vii. IRS stands for Intelligent Robotic Assistant. **True**

Q3. Fill in the blanks:

- i. KEMPA is a special robot assistant that answers queries of confused passengers on Kempegowda International Airport.
ii. FAQs stands for Frequently Asked Questions.
iii. The robots used for agriculture purpose are known as Agribots.
iv. The cellspacing attribute adds pixels between cells.
v. The cellpadding attribute adds pixels within a cell border.

Q4. Answer the following Short-Answer Type-I questions:

i. What is Link in HTML?

Ans: A hypertext link is used to connect one document with another document or file over the web pages.

ii. What is Broken Link in HTML?

Ans: The Broken Links are the links that do not work because the destination has been deleted or path has been changed.

iii. What is Hotspot?

Ans: Hotspot is a defined area on the image that acts as a hyperlink.

vi. Give any three example of Agribots.

Ans: RoBoPlant, SWEEPER and The OZ.

v. Difference between Cell Spacing and Cell Padding.

Cell Spacing	Cell Padding
Cell spacing displays the designated amount of space between the cell borders. The cellspacing attribute adds pixels between cells.	Cell padding displays the designated amount of space between the cell contents and the cell borders. The cellpadding attribute adds pixels within a cell border.

Q5. Answer the following Short-Answer Type-II questions:

i. Explain the tag in HTML.

Ans: The tag is used to include images in your HTML document. The tag incorporates graphics in the HTML document. It is an empty tag. It contains some attributes:

Attributes	Description
1) ALT	It specifies which alternative text should be displayed, if a selected image is not displayed.
2) SRC	SRC stand for 'source'. It specifies the URL of the image.
3) HEIGHT	It specifies the height of an images in pixels.
4) WIDTH	It specifies the width of an image in pixels.

ii. Short Note on History of Robots.

Ans: The first digital and programmable robot was invented by George Devol in 1954, and was named the Unimate. It was sold to General Motors in 1961 where it was used to lift pieces of hot metal from die casting machines. In 1978, the Puma (Programmable Universal Machine for Assembly) robot was developed by Unimation (Universal Automation) with design support from General Motors. In 1980s, the robot industry entered a phase of rapid growth.