



# B.K. BIRLA CENTRE FOR EDUCATION

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



## PERIODIC TEST-II : 2025-26 ARTIFICIAL INTELLIGENCE

Class: VII

Date: 11-11-2025

Admission No. ....

Time : 1 hr.

Max Marks: 25

Roll No. :.....

## MARKING SCHEME

### I. Multiple Choice Questions :

(11 X 1 = 11)

(1) 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

(2) 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**

(3) The ..... helps you to select areas of the current layer or image based on colour similarity.

- (a) Ellipse select tool
- (b) Rectangle tool
- (c) **Fuzzy select tool**
- (d) Free selection tool

(4) The word "robot" makes its first appearance in Karel Capek's play :

- (a) RRR
- (b) ABC
- (c) **Robotia**
- (d) RUR

(5) The most important part of the image window (in GIMP) is the image display or :

- (a) Screen
- (b) Document area
- (c) **Canvas**
- (d) Sprite area

(6) UGVs stand for :

- (a) **Unmanned ground vehicle**
- (b) Unmanned grouped vehicles
- (c) Underground vehicle
- (d) None of these

(7) How many sizes of headers are available in HTML by default ?

- (a) **6**
- (b) 7
- (c) 8
- (d) 9

(8) HTML files are saved by default with the extension ?

- (a) .html
- (b) .htm
- (c) **Both are correct**
- (d) None of these

(9) We enclose HTML tags within ?

- (a) **Angle brackets (< >)**
- (b) Square brackets ( [ ] )
- (c) Curly braces ( { } )
- (d) None of the above

(10) What is the effect of the <b> tag ?

- (a) **Makes the text bold**
- (b) Makes the text italic
- (c) Makes the text underlined
- (d) None of these

(11) What is meant by an empty tag in HTML ?

- (a) A tag that doesn't have any content
- (b) **A tag that is missing a closing tag**

(c) A tag that is not valid

(d) None of these

## II. Short Answer Type Questions :

(4 X 2 = 8)

(1) Describe the following elements of the GIMP interface.

(a) Status bar

(b) Canvas

**Ans. :**

(a) Status bar : The status bar is placed at the bottom of the image. Most of the time, by default, it shows which part of the image is currently active, and the amount of system memory that the image is consuming.

(b) Canvas : The most important part of the image window is of course the image display or canvas. It occupies the central area of the window surrounded by a yellow dotted line showing the image boundary against a neutral grey background.

(2) Write down the expansions of the following :

(a) .gif

(b) .jpeg

(c) .psd

(d) .bmp

**Ans. :**

**GIF:** Graphics Interchange Format

**JPEG:** Joint Photographic Experts Group

**PSD:** Photoshop Document

**BMP:** Bitmap Image File

(3) Write difference between :

(a) <br> and <hr> tags

(b) Container tag and Empty tag

**Ans. :**

(a) <br> tag is used to take the cursor in the next line.

<hr> tag is used to draw horizontal rule.

(b) Container tag means the tag with closing tag for example

<html>.....</html>

<body>.....</body>

<p>.....</p>

Empty tag-does not comes with the closing tag.

Example-<br>, <hr> etc

(4) Write down the basic structure of an HTML document.

**Ans. :**

<html>

<head><title> basic structure</title></head>

<body>

Write the tags as per website requirement

</body>

</html>

#### IV. Long Answer Type Questions :

(2 X 3 = 6)

(1) Explain any three image editing tools.

**Ans. :**

List of commonly used image editing software

- i. Adobe Photoshop- **Adobe Photoshop** is a leading image editing software developed by Adobe Inc. It is widely regarded as the industry standard for raster graphics editing and digital art, with an extensive array of tools for manipulating images, creating visual designs, and working with digital paintings.
- ii. **GIMP** (GNU Image Manipulation Program) is a free and open-source raster graphics editor used for tasks such as photo retouching, image composition, and image authoring.
- iii. **Canva** is a web-based graphic design platform that allows users to create a wide range of visual content, including social media graphics, presentations, posters, infographics, and more.
- iv. **Pixlr Editor** is a free and cloud-based image editing tool that provides a range of features for photo editing and graphic design.
- v. **Fotor- Fotor** is an online photo editing and graphic design tool that allows users to enhance images, create stunning graphics, and design a variety of visual content.
- vi. **Inkscape- Inkscape** is a free and open-source vector graphics editor used for creating and editing vector images.
- vii. Darktable- **Darktable** is a free and open-source photography workflow application and raw developer designed for photographers who want to manage and edit their photos
- viii. Affinity photo- Affinity Photo supports non-destructive editing, allowing users to make adjustments to images without permanently altering the original files.
- ix. Inkscape- **Inkscape** is a powerful open-source vector graphics editor used for creating and editing vector images. It is particularly popular for its ability to work with scalable vector graphics (SVG) format, allowing users to produce high-quality graphics that can be resized without loss of quality.

(2) Write a short note on HTML.

**Ans. :** HTML stands for Hyper Text markup language. It refers to the hyperlinks an html page may contain. It is not case sensitive. Markup language refers to the way tags are used to define the page layout and elements within the page.html tags are written within < > angular bracket.

The important tags are <html><head><title> and <body>

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