Model Paper

Information and Communication Technologies (ICT) Grade-9

OBJECTIVE

Total Marks: 10 **Class: 9** **Time Allowed: 15 mins**

Q#1: Choose the correct option: **(1 × 10 = 10)**

i. What is the default file extension for a Microsoft Word Document?

a. .pptx b. .txt c. .docx d. .xlsx

ii. CTRL+ Z in word and PowerPoint is used for:

a. Save b. Copy c. Redo d. Undo

iii. In an Arduino sketch, which function runs only once when the program starts?

a. Setup() b. loop() c. run() d. start()

iv. A small electronic component that limits the flow of an electric current in a circuit is:

a. Sensor b. Resistor c. Buzzer d. LED

v. Which Canva template category is best for designing educational or event announcements to put on walls?

a. Whiteboard b. Video c. Poster d. Website

vi. A set of lines that you can scan to keep track of things, is:

a. QR Code b. Bar Code c. Zip Code d. Decode

vii. Which language provides the structure for a webpage?

a. CSS b. JavaScript c. HTML d. Python

viii. Which tag is used to create a hyperlink in an HTML document?

a. <link> b. <h> c. <a> d. <href>

ix. Which AI tool is commonly used for grammar and spelling correction?

a. ChatGPT b. Grammarly c. QuillBot d. DALL.E

x. Which AI tool can generate image from text description?

a. Canva b. DALL.E c. QuillBot d. Zapier

Model Paper

Information and Communication Technologies (ICT)

SUBJECTIVE

Total Marks: 30 **Class: 9** **Time Allowed: 1 hour and 45 mins**

Subjective

Q#2: Write the answers to any four short questions. **(2 × 4 = 8)**

i. Difference between header and footer in MS-Word.

ii. Define two ways to save a PowerPoint presentation.

iii. What is the function of a resistor in an Arduino circuit?

iv. What does the function pinMode(13, OUTPUT); do in an Arduino program?

v. Explain the difference between digital and analog pins on an Arduino Board?

vi. What is the use of a sensor in a circuit?

Q#3: Write the answers to any four short questions. **(2 × 4 = 8)**

i. List three types of designs you can create with Canva.

ii. How can CSS classes be used to style multiple elements at once?

iii. How does AI summarization work?

iv. What is bias in AI?

v. Give an example of AI in daily life.

vi. How does AI help in Speech-to-text generation?

Attempt any two long questions

Q#4: What is meant by slide layout in Power Point? Discuss its different types. **(07)**

Q#5: Explain any four designs that can be created using Canva? **(07)**

Q#6: How lists are created in HTML? Discuss different types of lists in HTML. **(07)**

MODEL PRACTICAL PAPER
Information and Communication Technologies (ICT)

Total Marks: 35 **Class: 9** **Time Allowed: 2 hours**

Q. 1: Design at least three slides in presentation software using relevant theme and insert table and chart. Save the presentation against your roll number.

a) Perform the task on computer. (5)

b) Write step by step procedure on answer sheet. (7)

OR

Construct a simple LED circuit using battery, switch and resistor.

a) Perform the task and execute it. (5)

b) Write step by step procedure on answer sheet. (7)

Q. 2: Perform steps to set up an account on an e-Commerce platform.

a) Perform the task on computer. (5)

b) Write step by step procedure on answer sheet. (7)

OR

Create a Business Idea with Name, Logo and Slogan using AI Tools.

a) Perform the task on computer. (5)

b) Write step by step procedure on answer sheet. (7)

3: Practical Notebook (6)

4: Viva voce (5)