

Roll No.

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Candidates must write the Code on the title page of the answer-book.

- Please check that this question paper contains 4 printed pages.
- Code number given on the right hand side of the question paper should be written on the title page of the answer-book by the candidate.
- Please check that this question paper contains 16 questions.
- **Please write down the Serial Number of the question before attempting it.**
- 15 minute time has been allotted to read this question paper. The question paper will be distributed at 10.15 a.m. From 10.15 a.m. to 10.30 a.m., the students will read the question paper only and will not write any answer on the answer-book during this period.

## INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)

Time allowed :  $2\frac{1}{2}$  hours

Maximum Marks : 40

General Instructions :

- The question paper consists of 16 questions.
- All questions are compulsory. However, internal choices have been given in few questions.

1. Multiple Choice Questions : (Select the most appropriate answer) 1×5=5

(a) The full form of ALU is

- Asymmetrical and Logical Unit
- Arithmetic and Longitudinal Unit
- Arithmetic and Logic University
- Arithmetic and Logic Unit

- (b) \_\_\_\_\_ utility checks for the problems on the hard disk such as bad sectors, viruses, etc.
- (i) Compression
  - (ii) Disk Fragmentation
  - (iii) Scan Disk
  - (iv) Encryption or Decryption
- (c) The correct sequence of operation is
- (i) Output → Process → Input
  - (ii) Input → Process → Output
  - (iii) Process → Input → Output
  - (iv) Input → Output → Process
- (d) In GIMP, to add a new layer to the image which is an identical copy of the active layer we use
- (i) Layer → Copy Layer
  - (ii) Layer → New Layer
  - (iii) Layer → Duplicate Layer
  - (iv) Layer → Next Layer
- (e) \_\_\_\_\_ is a copyrighted software, shared on a trial basis for a limited period of time; afterwards user has to pay for its future usage.
- (i) Shareware
  - (ii) Freeware
  - (iii) OSS
  - (iv) Both (i) and (ii)

2. What is the purpose of <TH> tag ? 1
3. Mention any two exclusive rights of a copyright owner. 1

4. Vinay, a beginner in the computer field, has just started learning about fundamentals of computer storage. Help him by mentioning the name of two categories of memory. 1
5. What is Operating System ? 1
6. Which type of people can be termed as Hackers ? 1
7. Kavita, a student of Class IX, wants to learn basics of photo editing. Suggest her a suitable freely downloadable, open source software for the same, clearly mentioning any two main features of the same. 2
8. Shaurya, a Class X student, has just started learning about the cyber world. Suggest him any two basic cyber ethics to be followed in order to become a good cyber citizen. 2

**OR**

- What is Cyber Crime ? Mention the names of any two types of cyber crime. 2
9. Write the purpose of the following tools briefly : 2
    - (a) Move Tool
    - (b) Alignment Tool
  10. Discuss the significance of HTML forms briefly. 2

**OR**

- Mention any two permissible values of type attribute of <INPUT> tag along with their respective outcomes. 2
11. How is DHTML different from HTML ? Discuss briefly. 3
  12. What is the purpose of CSS ? Write down any two main advantages of using CSS. 3
  13. What is the purpose of font-family property of font ? Give any sample code to be inserted in external style sheet file in support of your answer. 3

**OR**

- What is the purpose of text-decoration property of font ? Give any sample code to be inserted in external style sheet file in support of your answer. 3

14. Ritika, a webpagedesigner in a company named Global Designers Pvt. Ltd., is designing a website in which she needs to divide a webpage into portions vertically in the proportion of 20% and 70%. She wants to display menu.html in the first portion and detail.html in the second portion.

Write HTML code for the same.

3

15. Write HTML code to generate the following form :

5

### Fruits Plaza

Name:

Address:

Order

Mango  Qty

Orange  Qty

**Submit**

**OR**

Give the basic syntax of form tag. Discuss the action attribute of form tag briefly. Differentiate between Textbox field and Textarea field used in HTML forms.

16. What is the purpose of Shear tool ? Explain briefly. Also mention any three ways through which Shear tool can be used on any image.

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