

Name:.....

Class: 8

Class No:.....

Part I

Answer all questions.

(Marks 1x25=25)

Underline the correct answer for questions 1-20

1. The file extension indicates,
 - a) The size of the file
 - b) The permissions of the file
 - c) The location of the file
 - d) The type of the file
2. A common hardware problem is,
 - a) Application software crashes
 - b) Antivirus software is outdated
 - c) The operating system fails to load
 - d) The keyboard does not work
3. Which of the following documents can be created using word processing software?
 - a) Greeting cards
 - b) Letters
 - c) Newspapers
 - d) All of the above
4. used to connect a keyboard or mouse,
 - a) USB port
 - b) VGA port
 - c) RJ45 port
 - d) HDMI port
5. Used to insert rows and columns in Ms. Word,
 - a) Tables
 - b) Text Boxes
 - c) Word Art
 - d) Shapes
6. 'Word Art' tool is used to,
 - a) Create decorative text
 - b) Make a table
 - c) Draw shapes
 - d) Insert images
7. An input for the problem of calculating the total price of an item is,
 - a) Total bill
 - b) Total price
 - c) Number of items
 - d) Process
8. Which of the following best describes a 'sequence' in programming?
 - a) Repeating steps multiple times
 - b) Deciding based on conditions
 - c) Carrying out steps in a particular order
 - d) Selecting the correct process
9. Underline the correct sentence.
 - a) Inputs are denoted by the symbol and the processes are by symbol.
 - b) Outputs are denoted by the symbol and the processes are by symbol.
 - c) Inputs are denoted by the symbol and the processes are by symbol.
 - d) Inputs are denoted by the symbol and the processes are by symbol.

10. What is the expression for an AND gate?

a) $A+B$

b) $A \cdot B$

c) $A' + B$

d) $A' \cdot B'$

11. If the inputs to OR gate are $A = 1$ and $B = 1$ the output will be,

a) 0

b) 1

c) $0 + 1$

d) $1 + 1$

12. If the input to a NOT gate is 1, what will the output be?

a) $1 + 1$

b) $0 + 1$

c) 0

d) 1

13. What is the output of an AND gate if both inputs are 0?

a) $0 + 1$

b) $1 + 1$

c) 0

d) 1

14. Which one is NOT a search engine?

a) Google

b) Yahoo

c) MS. Word

d) Bing

15. Which software can be used to create web pages?

a) Notepad

b) Photoshop

c) VLC

d) Excel

16. Which tag is used to add an image to a webpage?

a) `<img>`

b) `<ul>`

c) `<ol>`

d) `<li>`

17. Which tag is used for a numbered list?

a) `<ul>`

b) `<h>`

c) `<ol>`

d) `<li>`

18. What digits are used in the binary system?

a) 0 to 7

b) 0 and 1

c) A to F

d) 0 to 9

19. Which is NOT a hexadecimal digit?

a) 9

b) G

c) F

d) B

20. The base of 'binary number' system is,

a) 8

b) 2

c) 16

d) 10

Answer questions 21-25 based on the HTML code provided below.

```
<html>
<head>
  <title>My Web Page</title>
</head>
<body>
  <h1>Welcome to My Website</h1>
  <p>This is a paragraph about my web page. </p>
  <ul>
    <li>Home</li>
    <li>About</li>
    <li>Contact</li>
  </ul>
  
</body>
```

21. What is the title of this we page?

.....

22. Which tag is used to display the main heading?

.....

23. Which tag is used to create Bulleted list?

.....

24. Which tag is used to add an image?

.....

25. Which tag is used to create a paragraph?

.....

For questions 26-32, write the answers in the space provided.

Identify the logic gates and complete the truth tables.

(Marks 1x6=6)

26.



A	B	Output

27.

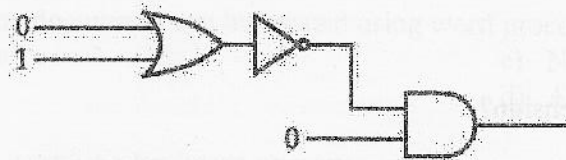


A	Output

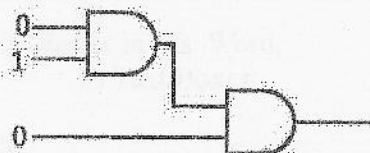
Write the relevant output.

(Marks 3x2=6)

28.



29.



Name the correct logic gates for the followings.

(Marks 1x2=2)

30. $A+B$

31. $A.B$

32. Draw an Not gate.

(1 mark)

Part II

Answer Three (03) questions only. Use a separate paper to answer the questions.

Question no 01

1. Convert the following binary numbers into decimal numbers.

(Marks 3x2=6)

- a) 1001_2
- b) 11_2

2. Convert the following decimal numbers into binary numbers.

(Marks 3x2=6)

- a) 16_{10}
- b) 23_{10}

3. Complete the below table.

Number system	Symbols	Base
a)	0,1	b)
c)	d)	8
e)	0,1,2,3,4,5,6,7,8,9	f)
Hexadecimal	g)	h)

(Marks 1x8=8)

Question no 02

1. Write the PowerPoint file extension?

(2 Marks)

2. Which folder stores deleted files temporarily?

(2 Marks)

3. Name the following ports.

(Marks 2x3=6)



4. Write one hardware problem.

(2 Marks)

5. Write one software problem.

(2 Marks)

6. Name two examples of application software..

(Marks 2x2=4)

7. Name one operating system.

(1 Mark)

8. Can HDMI port transmit both audio and video? Yes or No.

(1 Mark)

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மேல் மாகாணக் கல்வித் திணைக்களம்
Department of Education - Western Province

වර්ෂ අවසාන ඇගයීම - 2024 (2025)
ஆண்டிறுதி மதிப்பீடு - 2024 (2025)
Year End Evaluation - 2024 (2025)

2025-01

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Index No. }

To be considered.

- Answer all the questions in Part I in this paper itself.
- Write the answers to the Part II and attach it to the first paper.

Part - I

- For questions 01 to 05 select the correct answer and underline.

01. Out of the following planets which planet is the dwarf planet?

- (1) Mars (2) Mercury (3) Jupiter (4) Pluto

02. Which gas makes up the largest percentage of the atmosphere?

- (1) Oxygen (2) Nitrogen (3) Carbon dioxide (4) Ozone

03. A country which belongs to the South Asian Region.

- (1) Cambodia (2) Vietnam (3) Bhutan (4) Pakistan

04. What is the country where river Indus is located?

- (1) Pakistan (2) India (3) Bangladesh (4) Nepal

05. What is the area shown by a map sheet No 54 in 1:50000 topographic map.

- (1) Kegalle (2) Gampola (3) Matale (4) Kandy

- For questions 06 to 10 if the statement is correct mark (✓) or if the statement is incorrect mark (×) in the given brackets.

06. The lowest percentage of gas in the Earth's atmosphere is axxygen gas ()
07. Galileo Galilee used the telescope to observe the universe for the first time. ()
08. Uranus has the largest number of natural satellites in the Solar system. ()
09. Geographically Afghanistan belongs to the central Asia. ()
10. The city of Mumbai is famous in the world by the name of Bollywood. ()

- For questions 11 to 15 select the correct answers from the brackets and fill in the blanks.
(Venus, Mars, 22nd of December, 21st March, Uranus)

- has two satellites called Phobos and Deimos
- is called as the 'Evening Star'.
- The Winter solstice takes place on in the Northern Hemisphere.
- The Sun being directly over the equator on the is called Spring equinox.
- is the third largest planet in the Solar System.

- For questions 16 to 20 match column 'A' with column 'B'

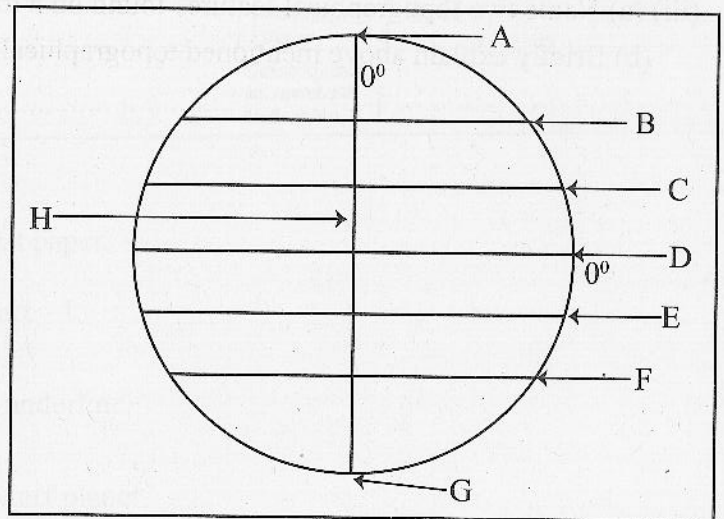
	A	B	
16.	India	Hindu Kush	
17.	Pakistan	Western Ghats	
18.	Nepal	Dacca	
19.	Bhutan	Thimpu	
20.	Bangladesh	Kathmandu	(2×20=40 marks)

Part II

- Question number 01 is compulsory.
- Answer four other questions including the question number 01.

01. Write the positions of the letters shown in the diagram below in the correct order on the answer sheet.

- (i) A -
(ii) B -
(iii) C -
(iv) D -
(v) E -
(vi) F -
(vii) G -
(viii) H -



(2×8=16 marks)

- | | | |
|-----------|--|-----------|
| 02. (i) | Name two outer planets. | (2 marks) |
| (ii) | Write four beliefs connected with the Solar System. | (4 marks) |
| (iii) (a) | Write two specific features of the Sun. | (2 marks) |
| (b) | Briefly explain what is meant by 'Stars'. | (3 marks) |
| 03. (i) | Write two results caused by the rotation of the Earth. | (2 marks) |
| (ii) | What is known as the rotation and the revolution of the Earth? | (4 marks) |
| (iii) (a) | There are four main seasons on earth Name two of them. | (2 marks) |
| (b) | Briefly explain one of the above mentioned seasons. | (3 marks) |
| 04. (i) | Name two things other than the gases in the atmosphere. | (2 marks) |
| (ii) | Write four important factors of the atmosphere. | (4 marks) |
| (iii) (a) | Write two causes for water pollution. | (2 marks) |
| (b) | Briefly mention two steps that can be taken to minimize water pollution. | (3 marks) |
| 05. (i) | Name two countries belong to SAARC | (2 marks) |
| (ii) | Write two tribal groups live in Himalayas. | (4 marks) |
| (iii) (a) | Write two occupations of the people who live in Himalayas. | (2 marks) |
| (b) | Briefly explain the settlements and the agriculture of the people who live in Himalayas. | (3 marks) |

06. (i) Write two human activities associated with the fishing industry. (2 marks)
 (ii) Write four different landscapes seen in the lower valley areas of river Ganges. (4 marks)
 (iii) (a) What is the main crop cultivated in the lower delta region of river Ganges. (2 marks)
 (b) Briefly explain how agriculture is practiced in this valley. (3 marks)
07. (i) Write two basic features of a topographic map. (2 marks)
 (ii) Write four features of contour lines. (4 marks)
 (iii) (a) Name two topographical features found on a topographic map. (2 marks)
 (b) Briefly explain above mentioned topographical features using contour line diagrams. (3 marks)

