



Class: IX

Time Allowed: 20 minutes

SECONDARY SCHOOL CERTIFICATE EXAMINATION 2024

SUBJECT: COMPUTER MODEL PAPER

Q1:

SECTION "A"

Marks: 12

Note: Attempt all questions from this section. Each question carries **one** mark.

1. Computer viruses are:

- A. Naturally occurring B. Machine made C. Man made D. By itself

2. The database environment has all the components except:

- A. Users B. Separate files C. Database D. Database administrator

3. The software that is used to format a document is:

- A. MS Word B. MS Excel C. MS Power Point D. Ms Access

4. Wired media is also called:

- A. Targeted media B. Directed media C. Guided media D. Unguided media

5. A device that converts text or pictorial data into digital form is called:

- A. Printer B. Plotter C. Scanner D. MICR

6. The operating system is an example of:

- A. Application software B. System software C. Both D. None of them above

7. Which of the following is not an operating system:

- A. Windows B. Linux C. DOS D. Oracle

8. Which of the following operating system does not support more than one program at a time?

- A. DOS B. Linux C. Windows D. MAC

9. In MS-Word, to select the whole document, we use _____.

- A. F1 B. Ctrl + A C. Alt + F D. None of these

10. The space left between the margin and the start of a paragraph is called:

- A. Spacing B. Gutter C. Indentation D. Alignment

11. If all devices are connected to a central hub, then topology is called:

- A. Bus topology B. Ring topology C. Star topology D. Tree topology

12. Which network is able to connect and send data to each computer via central hub:

- A. Star B. Router C. Bus D. Wan

1. Consider the given text displayed on a webpage.

I Study in ~~XYZ~~ ABC Learning *School*.

The HTML code required to display this text is

- A. I Study in <strike>XYZ</strike> <u>ABC Learning</u> <i>School</i>.
 B. I Study in <strike>XYZ</strike> <i>ABC Learning</i> <u>School</u>.
 C. I
Study</br> in <strike>XYZ</strike> <i>ABC Learning</i> <u>School</u>.
 D. I <heavy>Study</heavy> in </strike>XYZ</strike> <u>ABC Learning</u> <i>School</i>.
2. Consider the given image showing the text displayed on a webpage.

SALE

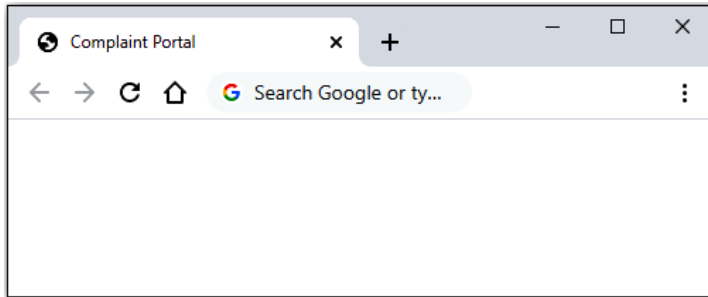
SALE

SALE

The HTML code required to display this text is

<pre><html> <head> </head> <body> <h6> SALE </h6> <h5> SALE </h5> <h4> SALE </h4> </body> </html></pre>	<pre><html> <head> </head> <body> <h4> SALE </h4> <h5> SALE </h5> <h6> SALE </h6> </body> </html></pre>
A	B
<pre><html> <head> </head> <body> <h1> SALE </h1> <h2> SALE </h2> <h3> SALE </h3> </body> </html></pre>	<pre><html> <head> </head> <body> <h3> SALE </h3> <h1> SALE </h1> <h2> SALE </h2> </body> </html></pre>
C	D

3. Consider the given image showing a webpage.



The HTML code that would display Complaint Portal on the tab of web browser is

<pre><html> <title> </title> <body> <head>Complaint Portal</head> </body> </html></pre>	<pre><html> <title> <head>Complaint Portal</head> </title> <body> </body> </html></pre>
A	B
<pre><html> <head> <title> </title> </head> <body>Complaint Portal</body> </html></pre>	<pre><html> <head> <title>Complaint Portal</title> </head> <body> </body> </html></pre>
C	D

4. Consider the given image showing the text displayed on a web page.



Due to some error, when someone clicks on the underlined word Google, then the Google website with the following address does not open.

<https://www.google.com.pk>

The CORRECT HTML code after resolving this error would be

A	<code><p>Click on Google to open Google Search Engine.</p></code>
B	<code><p>Click on Google to open Google Search Engine.</p></code>
C	<code><p>Click on Google to open Google Search Engine.</p></code>
D	<code><p>Click on Google to open Google Search Engine.</p></code>

5. Consider the given mathematical

expression. $(x_2 - x_1)^2 + (y_2 - y_1)^2$

Tags that will be used in the HTML code to display the given expression on a web page are

- A. and tags.
- B. <td> and <th> tags.
- C.
 and <dd> tags.
- D. <sup> and <sub> tags.

Use the given information to answer Q.6 and Q.7.

Consider the given HTML code to insert an image on a webpage.

```
<image src="Stars.jpeg" alt="Stars in the Sky" width="550" height="700">
```

6. There are four attributes of image tag in this code.

The number of ESSENTIAL attribute(s) of image tag in the code is

- A. one.
- B. two.
- C. three.
- D. four.

7. The given code is

INCORRECT. The CORRECT

code will be

- A. <image src=Stars.jpeg alt=Stars in the Sky width=550 height=700>
- B.
- C.
- D. <image src="Stars.jpg" alternative="Stars in the Sky" width="550" height="700">

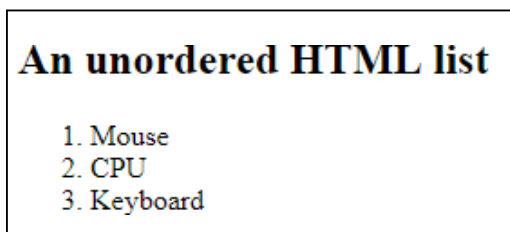
8. Consider the given HTML code.

```
<b> December </b>
```

The alternative to this HTML code is

- A. <big> December </big>
- B. <thick> December </thick>
- C. December
- D. <heavy> December </heavy>
- E.

9. Consider the given diagram.



The HTML code that should be used for displaying text as shown in the diagram is

<pre><html> <body> <h2>An unordered HTML list</h2> Mouse CPU Keyboard </body> </html></pre>	<pre><html> <body> <h6>An unordered HTML list</h6> Mouse CPU Keyboard </body> </html></pre>
A	B
<pre><html> <body> <h1>An unordered HTML list</h1> Mouse CPU Keyboard </body> </html></pre>	<pre><html> <body> <h5>An unordered HTML list</h5> Mouse CPU Keyboard </body> </html></pre>
C	D

10. Consider the given HTML code.

```
<html>
<head>
<style>
table, th, td {
  border: 1px solid black;
}
</style>
</head>
<body>
<h2>Product Table</h2>
<table style="width:100%">
  <tr>
    <th>Product ID</th>
    <th>Product Name</th>
    <th>Price</th>
  </tr>
  <tr>
    <td>PID 101</td>
    <td>Galaxy Chocolate</td>
    <td>75 Rupees</td>
  </tr>
</table>
</body>
</html>
```

Which of the following options represents the output of this HTML code?

A	Product Table		
PID 101	Product Name	Price	
PID 101	Galaxy Chocolate	75 Rupees	
B	Product Table		
Product ID	Product Name	Price	
PID 101	Galaxy Chocolate	75 Rupees	
C	Product Table		
PID 101	Product Name	Price	
PID 101	Galaxy Chocolate	75 Rupees	
D	Product Table		
Product ID	Product Name	Price	
PID 101	Galaxy Chocolate	75 Rupees	



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SECONDARY SCHOOL CERTIFICATE EXAMINATION 2024

Time: 2 hours 40 minutes

COMPUTER MODEL PAPER SECTION "B" AND SECTION "C"

Total Marks 48

SECTION "B" SHORT ANSWER QUESTIONS

24 Marks

Note: Attempt any **eight** questions from this section. All the questions carry **three** marks.

- Q2. Define guided media and unguided media.
Q3. Define mother board and also describe ALU & CU.
Q4. Define a bus. How many types of buses are there?
Q5. Define an operating system? Describe any two types of an operating system.
Q6. Define general purpose and special purpose computers.
Q7. What is a word processor?
Q8. Define any three functions of an the operating system.
Q9. Describe Themes Group in the Layout Tab.
Q10. Define the following:
(i)Sender (ii)Medium (iii)Message
Q11. Why is it important to install an antivirus?
Q12. Define malware and its types.
Q13. What is a language translator. Write any two types of it in detail.
Q14. Define data communication and data transmission.

SECTION "C" DETAILED ANSWER QUESTIONS

24 Marks

Note: Attempt any **four** questions from this section. Each question carries **six** marks.

- Q15. Define any three generations of computer.
Q16. Define Table of content (TOC)? Describe its types also.
Q17. Differentiate between the following:
(a) Analog Signal & Digital Signal (b) Data Rate or Bit Rate and Baud Rate
Q18. Define the following:
(a) Cyber Crime (b) Hackers (c) Crackers
Q19. What is a computer virus? Define any two types of computer viruses.
Q20. Define topology. Explain its types.

END OF PAPER