AGA KHAN UNIVERSITY EXAMINATION BOARD

SECONDARY SCHOOL CERTIFICATE

CLASS IX

ALTERNATE TO PRACTICAL (ATP)

MODEL EXAMINATION PAPER 2021

Computer Science Paper III

Time: 20 minutes   Marks: 10

INSTRUCTIONS

1. Read each question carefully.

2. Answer the questions on the separate answer sheet provided. DO NOT write your answers on the question paper.

3. There are 100 answer numbers on the answer sheet. Use answer numbers 1 to 10 only.

4. In each question, there are four choices A, B, C, D. Choose ONE. On the answer grid, black out the circle for your choice with a pencil as shown below.

Candidate's Signature

5. If you want to change your answer, ERASE the first answer completely with a rubber, before blacking out a new circle.

6. DO NOT write anything in the answer grid. The computer only records what is in the circles.

7. You may use a simple calculator if you wish.

1. Consider the given text displayed on a webpage.

    I **Study** in ~~XYZ~~ <u>ABC Learning</u> *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>.

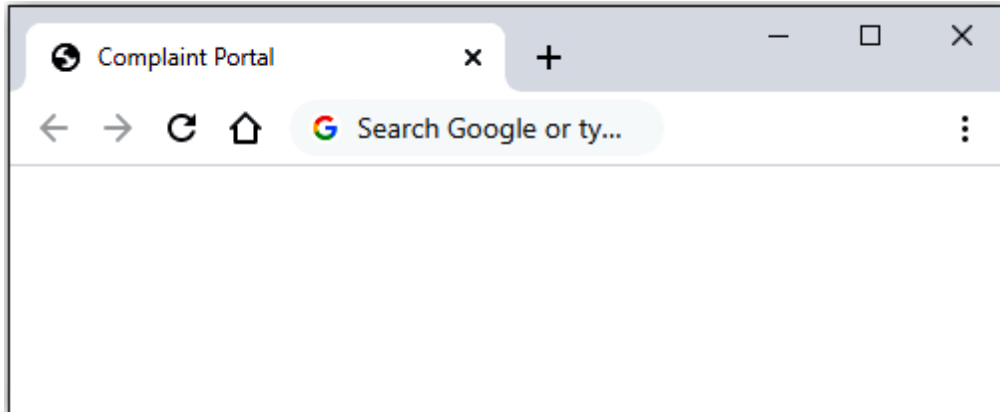2. Consider the given image showing the text displayed on a webpage.

    SALE

    SALE

    SALE

    The HTML code required to display this text is

A	B
<html> <head> </head> <body> SALE SALE SALE </body> </html>	<html> <head> </head> <body> SALE SALE SALE </body> </html>
A	B
<html> <head> </head> <body> SALE SALE SALE </body> </html>	<html> <head> </head> <body> SALE SALE SALE </body> </html>
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

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

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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	Click on <a>href=https://www.google.com.pkGoogle to open Google Search Engine.
B	Click on Google to open Google Search Engine.
C	Click on <a>href=https://www.google.co.pkGoogle to open Google Search Engine.
D	Click on Google to open Google Search Engine.

5.   Consider the given mathematical expression.

$(x_2 - x_2)^2 + (y_2 - y_2)^2$

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

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

8.   Consider the given HTML code.

 December

The alternative to this HTML code is

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

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9.   Consider the given diagram.

An unordered HTML list

1. Mouse
2. CPU
3. Keyboard

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

<html> <body> An unordered HTML list - Mouse - CPU - Keyboard </body> </html>	<html> <body> An unordered HTML list - Mouse - CPU - Keyboard </body> </html>
A	B
<html> <body> An unordered HTML list - Mouse - CPU - Keyboard </body> </html>	<html> <body> An unordered HTML list Mouse CPU Keyboard </body> </html>>
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** <table><tr><th>PID 101</th><th>Product Name</th><th>Price</th></tr><tr><td>PID 101</td><td>Galaxy Chocolate</td><td>75 Rupees</td></tr></table>
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

END OF PAPER

Please use this page for rough work