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## POWERPOINT 2019

### A. Write the name of appropriate button used to do the following:

1. To remove the photograph .....  
.....
2. To rotate the selected photograph by 90 in anticlockwise direction .....  
.....
3. To rotate the selected photograph by 90 in clockwise direction .....  
.....
4. To increase the darkness .....  
.....
5. To increase the brightness .....  
.....
6. To decrease the brightness .....  
.....

### B. Define the following buttons:

1.  .....
2.  .....
3.  .....

### C. Answer the following questions:

1. What are Annotations?  
.....
2. What are the steps to use Smart Lookup feature?  
.....
3. Write the steps to edit a photo album in PowerPoint.  
.....

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## MORE ON EXCEL 2019

### A. Match the following:

- |                 |                    |
|-----------------|--------------------|
| 1. Formula      | a. Format          |
| 2. Wrap Text    | b. =               |
| 3. Column width | c. Alignment group |

### B. Tick (✓) the correct option.

- The default row height is 0 to ..... points.
 

a. 309	<input type="radio"/>	b. 409	<input type="radio"/>	c. 509	<input type="radio"/>
--------	-----------------------	--------	-----------------------	--------	-----------------------
- Combining two or more cells is known as .....
 

a. Merging	<input type="radio"/>	b. Inserting	<input type="radio"/>	c. Splitting	<input type="radio"/>
------------	-----------------------	--------------	-----------------------	--------------	-----------------------

### C. Answer the following questions.

- Write the steps to use Autofill feature.  
 .....  
 .....
- What is the difference between merging cells and splitting cells?  
 .....  
 .....
- Explain the Wrap Text feature.  
 .....  
 .....
- Write the steps of applying cell borders.  
 .....  
 .....

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## CHARTS, FORMULAS AND FUNCTIONS IN EXCEL

### A. Complete the sentences.

1. Built-in formulas of Excel are called .....
2. Logical functions are used to test whether condition is .....
3. In Excel, Charts group exist in the .....
4. Parentheses make your formulas .....
5. Formulas in MS Excel begin with an .....

### B. Write 'T' for true and 'F' for false. Correct the false statements.

1. Excel calculates expressions within parentheses at last.  
.....
2. The SQRT() function returns the square of the given number.  
.....
3. The UPPER() function is used to convert text string into lower case.  
.....

### C. Match the following.

- |                           |                           |
|---------------------------|---------------------------|
| 1. ABS(number)            | a. Text function          |
| 2. RIGHT(text, num_chars) | b. Date and Time function |
| 3. MIN(range)             | c. Logical function       |
| 4. HOUR(time)             | d. Mathematical function  |

### D. Answer the following questions.

1. What is the use of Label?  
.....
2. What are two ways using which a range can be selected in a worksheet?  
.....

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## DIGITAL DRAWING IN KRITA

### A. Define the following:

1. Opacity .....
2. Set erase mode .....
3. Mass .....
4. Drag .....

### B. Match the following:

- |  |                 |
|--|-----------------|
| 1.  | a. Move Tool    |
| 2.  | b. Crop Tool    |
| 3.  | c. Pan Tool     |
| 4.  | d. Measure Tool |

### C. Answer the following questions:

1. Name the options shown by toolbar for Freehand Brush Tool.  
.....
2. Write the steps to use Multibrush Tool.  
.....
3. What is the use of Move Tool?  
.....

## INTRODUCTION TO HTML5 & CSS3

### A. Complete the sentences.

1. Tags are the basic building blocks of a .....
2. HTML stands for .....
3. The server stores the files and information in the form of .....
4. Tag begins with opening angular bracket (<) and ends with .....
5. All attributes consist of two parts – a name and a .....

### B. Write 'T' for true and 'F' for false. Correct and rewrite the false statements.

1. The 'name' is the value that you want to set.  
.....
2. We cannot change the width of the horizontal line on the web page.  
.....
3. Values given to the attributes should not be enclosed within the double quotes.  
.....
4. CSS stands for Cascading Standard Sheets.  
.....

### C. Match the following.

- |                                      |                |
|--------------------------------------|----------------|
| 1. Used to view the Web page         | a. Web page    |
| 2. Collection of web pages           | b. Web browser |
| 3. HTML document is called           | c. <HEAD> Tag  |
| 4. Contains information about header | d. Website     |

### D. Write the HTML code to display the text "Hello from HTML" on the web page by using the heading level 1 and use internal style sheet to display the text and background color as red and green.

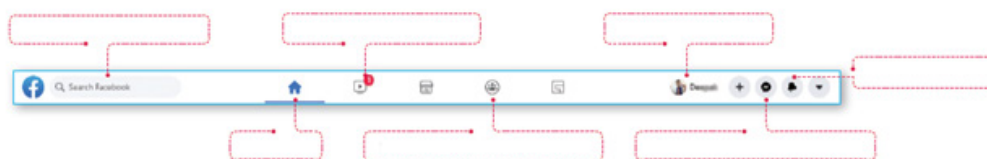
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## INTERNET SERVICES

### A. Label the main menu bar of Facebook.



### B. Guess who am I?

- I was launched in the year 2009, founded by Adam D'Angelo and Charlie Cheever. ....
- I was launched in the year 2006 as a social networking and microblogging site. ....
- I am an America based online social networking service founded by Mark Zuckerberg on 4 February 2004. ....
- I was introduced by Niklas Zennstrom and Janus Friis in the year 2003. ....

### C. Answer the following questions:

- Explain any two modes of payment.  
.....
- What is newsgroup?  
.....

### D. Competency-based/Application-based question:

Rohan lost touch with his class mates after schooling due to relocation to another state. After many years Rohan wants to reconnect with his school friends. Can you suggest any social media platform through which he can reach his old friends?

.....

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## ALGORITHMIC INTELLIGENCE

### A. Read the clues and answers the following.

1. It is set of steps in a sequential manner to solve a problem or to complete a task. ....
2. It is used to show the start and stop points of the flowchart. ....
3. It indicates a question or branch in the process flow. It is used when there are 2 options (Yes/No). ....
4. It shows the direction in which the process flows. ....

### B. Write 'T' for true and 'F' for false. Correct and rewrite the false statements.

1. Algorithm facilitates a programmer to analyse the problem in detail.  
.....
2. Decision symbol is used to start and stop the flowchart.  
.....
3. The flowchart should be dirty, unclear and hard to follow.  
.....
4. Once a flowchart is drawn, it becomes hard to write the program in any high-level language.  
.....

### C. Write the names of three symbols used in flowcharts.

1. ....
2. ....
3. ....

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## INTRODUCTION TO PROGRAMMING

### A. Tick (✓) the correct option.

1. People who write the programs are called .....
 

a. Assembler <input type="checkbox"/>	b. Programmers <input type="checkbox"/>
c. Interpreter <input type="checkbox"/>	d. Compiler <input type="checkbox"/>
2. Which of the following is not a computer language?
 

a. Machine Language <input type="checkbox"/>	b. Assembly language <input type="checkbox"/>
c. Interpreter <input type="checkbox"/>	d. Natural Languages <input type="checkbox"/>
3. Which of the following language is used to write the program codes in the form of alphanumeric symbols called 'Mnemonics' instead of 0 and 1?
 

a. Third Generation language <input type="checkbox"/>	b. Fourth Generation language <input type="checkbox"/>
c. Assembly language <input type="checkbox"/>	d. Machine language <input type="checkbox"/>

### B. Answer the following questions.

1. Differentiate between compiler and interpreter.  
 .....  
 .....
2. What are the disadvantages of High-Level Language?  
 .....  
 .....
3. Differentiate between Machine Language and Assembly Language.  
 .....  
 .....
4. Define Computer Language.  
 .....  
 .....



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## PYTHON

### A. Match the following:

- |        |  |
|--------|--|
| 1. ==  | a. Remainder                                   |
| 2. and | b. Parenthesis                                 |
| 3. **  | c. It returns true, if both operands are true. |
| 4. ()  | d. Exponentiation                              |
| 5. %=  | e. Equal                                       |

### B. Find the output of the following:

- |  |   |
|--|---|
| 1. <pre>a = 8.5 b = 2 print (a//b)</pre> <p>.....</p>                              | 2. <pre>p, q, r = 40, 50 ,60 print(p, q, r)</pre> <p>.....</p>        |
| 3. <pre>var1 = 22 var2 = 32 var3 = 42 print(var1 + var2 + var3)</pre> <p>.....</p> | 4. <pre>a = 8 b = 16 print(a or b) print(a &gt; 2)</pre> <p>.....</p> |

### C. Answer the following questions:

- What will be the output of the following Python statement?
  - `print(14 // 2 + 8 - 10)`

.....
  - `44*88*4*5 - 1074\4`

.....
- Distinguish between the following with the help of examples:
  - AND operator and OR operator
 

.....
  - Modulus operator and Division operator
 

.....

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## INTELLIGENCE AND AI APPROACHES

### A. Give two qualities of the following people who possess:

1. Linguistic Intelligence .....
2. Logical-Mathematical Intelligence .....
3. Bodily-Kinesthetic Intelligence .....
4. Interpersonal Intelligence .....
5. Existential Intelligence .....

### B. Write 'T' for true and 'F' for false. Correct and rewrite the false statements.

1. People possessing Spatial Intelligence love exploring the environment and learn about other species  
.....
2. AI models have three kinds of approach.  
.....
3. Learning based approach is often referred to as black boxes as it is not entirely clear how these systems take decisions.  
.....
4. People possessing Linguistic Intelligence use humour while telling stories.  
.....

### C. Match the following.

- |                                      |  |
|--------------------------------------|--|
| 1. Naturalistic Intelligence         | a. Enjoy analysing theories and ideas    |
| 2. Bodily-Kinesthetic Intelligence   | b. Good at problem-solving               |
| 3. Logical-Mathematical Intelligence | c. Nature lover                          |
| 4. Intrapersonal Intelligence        | d. Love creating things with their hands |

### D. Write the names of two virtual assistants.