



INSPIRED TOTS EARLY LEARNING CENTRE

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SECOND TERM EXAMINATION 2024/2025 SESSION

5TH GRADE

NAME

COMPUTER STUDIES

1. What is an algorithm?
 - A) A step-by-step procedure for solving a problem
 - B) A type of programming language
 - C) A hardware component
 - D) A data structure
2. What is the primary purpose of a flowchart?
 - A) To visually represent the steps in a process or algorithm
 - B) To write code
 - C) To store data
 - D) To debug program
3. Which symbol represents a decision in a flowchart?
 - A) Diamond
 - B) Circle
 - C) Rectangle
 - D) Arrow
4. What is the first step in creating an algorithm?
 - A) Define the problem to be solved
 - B) Write the code
 - C) Draw a flowchart
 - D) Test the solution
5. In a flowchart, what does a rectangle symbolize?
 - A) A process or action step
 - B) A decision point
 - C) The start or end of a process
 - D) An input/output operation
6. What is the significance of flowcharting in programming?
 - A) It helps visualize the logic and flow of an algorithm
 - B) It increases coding speed
 - C) It reduces the need for documentation
 - D) It eliminates the need for debugging
7. Which of the following represents an input/output operation in a flowchart?
 - A) Parallelogram
 - B) Rectangle
 - C) Diamond
 - D) Circle
8. What does a "predefined function" in an algorithm do?
 - A) Performs a specific task that is already defined in the programming language
 - B) Creates a new variable
 - C) Defines a new algorithm
 - D) Stops the execution of code



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9. Which symbol is used to represent the start and end points in a flowchart?
 - A) Oval
 - B) Rectangle
 - C) Diamond
 - D) Triangle
10. Which of the following is an essential property of a good algorithm?
 - A) Finiteness
 - B) Ambiguity
 - C) Complexity
 - D) Redundancy
11. Which of the following flowchart symbols indicates a connection to another part of the flowchart?
 - A) Circle
 - B) Rectangle
 - C) Diamond
 - D) Arrow
12. What does "flowcharting" help programmers to do?
 - A) Store data more effectively
 - B) Write code faster
 - C) Debug programs more easily
 - D) Organize their thoughts and clarify their algorithms visually
13. What does a "flowchart connector" symbolize?
 - A) A process or action step
 - B) A decision point
 - C) An input/output operation
 - D) A point of connection to another flowchart or process
14. What is the main advantage of using flowcharts in programming?
 - A) They increase coding speed
 - B) They eliminate the need for code
 - C) They simplify debugging
 - D) They provide a clear visual representation of complex processes
15. Which of the following is not a term of MS-Excel?
 - A) Cells
 - B) Rows
 - C) Columns
 - D) Document
16. How do you select an entire column?
 - A) Select Edit > Select > Column from the menu
 - B) Click the column heading letter
 - C) Hold down the shift key as you click anywhere in the column
 - D) Hold down the Ctrl key as you click anywhere in the column



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17. To create a formula, you first:
 - A) Select the cell you want to place the formula into
 - B) Type the equals sign (=) to tell Excel that you're about to enter a formula
 - C) Enter the formula using any input values and the appropriate mathematical operators that make up your formula
 - D) Choose the new command from the file menu
18. To center worksheet titles across a range of cells, you must
 - A) Select the cells containing the title text plus the range over which the title text is to be centered
 - B) Widen the columns
 - C) Select the cells containing the title text plus the range over which the title text is to be centered
 - D) Format the cells with the comma style
19. When a label is too long to fit within a worksheet cell, you typically must
 - A) Shorten the label
 - B) Increase the column width
 - C) Decrease the column width
 - D) Adjust the row height
20. An excel workbook is a collection of
 - A) Workbooks
 - B) Worksheets
 - C) Charts
 - D) Worksheets and charts
21. Each excel file is called a workbook because
 - A) It can contain text and data
 - B) It can be modified
 - C) It can contain many sheets including worksheets and chart sheets
 - D) You have to work hard to create it
22. The numbers in our worksheet look like this 1000: You want them to look like this: \$1,000. How can you accomplish this?
 - A) You have to retype everything and manually add the dollar signs commas and decimals
 - B) Select Format > Money from the menu
 - C) Click the Currency Style button on the formatting toolbar
 - D) None of these
23. If you begin typing an entry into a cell and then realize that you don't want your entry placed into a cell, you:
 - A) Press the Erase key
 - B) Press Esc
 - C) Press the Enter button
 - D) Press the Edit Formula button
24. To save a workbook, you:
 - A) Click the save button on the standard toolbar from the menu
 - B) Press Ctrl+ F5
 - C) Click Save on the Windows Start button
 - D) Select Edit > Save



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25. You can edit a cell by
- A) Clicking the formula button
 - B) Double clicking the cell to edit it in-place
 - C) Selecting Edit > Edit Cell from the menu
 - D) None of above
26. Right clicking something in Excel:
- A) Deletes the object
 - B) Nothing the right mouse button is there for left-handed people
 - C) Opens a shortcut menu listing everything you can do to the object
 - D) Selects the object
27. Which of the following is an absolute cell reference?
- A) A!1
 - B) \$A\$1
 - C) #a#1
 - D) A1
28. Which symbol must all formula begin with?
- A) =
 - B) +
 - C) (
 - D) @
29. Which of the following formulas will Excel not be able to calculate?
- A) =SUM(Sales)-A3
 - B) =SUM (A1:A5) *.5
 - C) =SUM (A1:A5)/ (10-10)
 - D) =SUM (A1:A5)-10
30. A typical worksheet has _____ number of columns.
- A) 128
 - B) 256
 - C) 1024
 - D) 16384
31. A worksheet can have a maximum of _____ number of rows.
- A) 256
 - B) 1024
 - C) 65535
 - D) 1048576



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Section B

Write an algorithm to find the circumference of a circle. Use the algorithm and complete the flowchart below. Use the formula: $C=2\pi r$, where π is approximately equivalent 3.1416.

Algorithm:

1. _____
2. _____
3. _____
4. _____
5. _____

Flowchart:

