



# Indian School Al Wadi Al Kabir

## Mid Term Examination

### COMPUTER SCIENCE

Class: VII  
Date: 11/09/2025

Time: 1 Hour  
Max. Marks: 25

General instructions:

- i. All questions are compulsory.
- ii. Section A questions carry  $\frac{1}{2}$  mark each.
- iii. Section B questions are descriptive type.

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#### Section -A

I. Choose the correct answer:

6 x  $\frac{1}{2}$  = 3

1. Which of the following is a window used to display or enter a record in Excel worksheet?  
a) Row b) Form c) Column d) Textbox
2. In which tab the Data Validation command present?  
a) Data b) Insert c) Home d) None of these
3. Which of the following is a concept that measures how slow or fast an object is?  
a) Motion b) Time c) Speed d) Distance
4. Which of the following option is used to search a record in a form?  
a) new b) Clear c) Criteria d) Outline
5. Which of the following is the correct formula for calculating distance  
a) Speed x time b) Time/speed c) Speed\*Distance d) Speed + Distance
6. Which of the following is called a field in a database?  
a) Column b) Row c) Cell d) Form

II. Fill in the blanks:

6 x  $\frac{1}{2}$  = 3

1. The -----command allows you to calculate group-wise sum.
- 2 Seconds, Minutes, hours are the units of -----
- 3 The ----- contains data in the form of rows and columns.
- 4 The set of values for the fields is called a -----
- 5 In programming, we refer to “+” as a symbol of -----
6. Color scale is a feature available in .....

III. Match the following

4 x  $\frac{1}{2}$  = 2

- |                |   |
|----------------|---|
| 1. Modulus     | a. Distance/Time                        |
| 2. Pivot table | b. Data type                            |
| 3. Speed       | c. %                                    |
| 4. int()       | d. consolidate, summarize, present data |

IV. Answer in one word 4 x ½ =2

1. I am a type of formatting that can be applied on the basis of criteria.
2. I am a feature in Excel that allows you to calculate groupwise sum.
3. Which data type cannot be carried out by multiplication operator?
4. I used to perform the mathematical remainder of two variables.

V. State Whether these statements are true or false 4 x ½ =2

1. Excel allows you to filter unwanted data from a set data.
2. Average speed is same as the speed.
3. We cannot add records using form.
4. Before using subtotal command, the data must be sorted in ascending or descending order.

### Section – B

VI. Define the following: 2x1=2

1. Conditional formatting
2. Data Validation

VII. Answer the following question: 3x2=6

1. Define speed and illustrate the formula to calculate speed
2. Write a block code program in AI connect to calculate addition of two numbers?
3. What is the use of subtotal command?

VIII. Write the text coding to calculate product of two numbers. 1x3=3

IX. Application based Question: 2x1=2

1. Emil is developing a vehicle tracking application where the speed of vehicles is recorded in kilometres per hour (km/hr), but for further calculations, he needs the speed in meters per second (m/sec). If a vehicle is moving at a speed of 10 km/hr, what will be its speed in m/sec?
  2. Priya is managing sales data for her team in an Excel spreadsheet. She wants to quickly identify the team members who have achieved more than ₹50,000 in monthly sales so she can reward them. What Excel feature should Ashok use to automatically highlight the cells containing sales values greater than ₹50,000?
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