

1. Which command is used to start a new section in L<sup>A</sup>T<sub>E</sub>X?

- (a) `\begin{section}`
- (b) `\startsection`
- (c) `\section`
- (d) `\newsection`

**Answer:** (c)

2. Which of the following commands are valid in L<sup>A</sup>T<sub>E</sub>X?

- (a) `\begin{}`
- (b) `\subsection{}`
- (c) `\section{}`
- (d) `\texttt{}`

**Answer:** (a), (b), (c), (d)

3. Which command is used to create a bulleted list in L<sup>A</sup>T<sub>E</sub>X?

- (a) `\list`
- (b) `\begin{itemise}`
- (c) `\bullets`
- (d) `\bulletlist`

**Answer:** (b)

4. Which of the following ways are valid ways to write a mathematical equation in L<sup>A</sup>T<sub>E</sub>X?

- (a) `$EQN$`
- (b) `\[EQNS\]`
- (c) `\(EQNS\)`
- (d) `\begin{math} EQNS \end{math}`

**Answer:** (a), (b), (c), (d)

5. Which command is used to create a bold text in L<sup>A</sup>T<sub>E</sub>X?

- (a) `\textbf{}`
- (b) `\bold{}`
- (c) `\textbold{}`
- (d) `\boldtext{}`

**Answer: (a)**

6. In L<sup>A</sup>T<sub>E</sub>X, what does the `[htp]` specifier represent when placing images?

- (a) Here, Top, Paragraph
- (b) High, Top, Parallel
- (c) Horizontal, Top, Page
- (d) Here, Top, Page

**Answer: (d)**

7. Which symbol is used to indicate absolute cell references in formulas in most spreadsheet applications?

- (a) \$
- (b) %
- (c) #
- (d) &

**Answer: (a)**

8. If a cell contains the formula

`=COUNT(A1:A10)`

and only cells A1 to A5 contain values, what will be the output?

- (a) 10
- (b) 5
- (c) 0
- (d) Error

**Answer: (b)**

9. What is the output of the formula

`=PRODUCT(C3:C5)`

if column C has all the prime numbers starting from 2 (C1)?

- (a) 23
- (b) 15
- (c) 105
- (d) 385

**Answer: (d)**

10. What is the output of the formula  
=IF(ROUND(AVERAGE(E1:E4), 1)>15.2, "Pass", "Fail")  
if cells E1 to E4 contain the values 12.3, 14.7, 15.9, and 18.2, respectively?

- (a) Pass
- (b) Fail
- (c) Error

**Answer: (a)**