# CSS Grid – MCQ Test Answer Key with Explanations

1. Q1. Which of the following is most suitable for a grid layout?

Answer: Complex layout, like a newspaper

Explanation: Explanation: CSS Grid is designed for complex 2D layouts involving both rows and columns, ideal for newspaper-like structures.

1. Q2. Which model includes margin, border, padding, and content?

Answer: CSS Box model

Explanation: Explanation: The box model represents how elements are rendered: content → padding → border → margin.

1. Q3. The vertical lines of the grid items are known as \_\_\_\_\_\_\_\_\_.

Answer: Grid columns

Explanation: Explanation: Vertical divisions in a grid layout are referred to as columns.

1. Q4. The horizontal lines of the grid items are known as \_\_\_\_\_\_\_\_.

Answer: Grid rows

Explanation: Explanation: Horizontal divisions in a grid layout are rows.

1. Q5. The space between each row or column is called \_\_\_\_\_\_\_\_.

Answer: grid-gap

Explanation: Explanation: 'grid-gap' is shorthand for 'row-gap' and 'column-gap'.

1. Q6. Which of the following properties defines the number of columns and their width in the grid?

Answer: grid-template-columns

Explanation: Explanation: This property sets the number and size of columns in a grid container.

1. Q7. Which of the following is used to align the whole grid inside the container?

Answer: justify-content

Explanation: Explanation: 'justify-content' aligns the grid as a whole inside the container horizontally.

1. Q8. Which of the following is used to align the grid items vertically inside the container?

Answer: align-content

Explanation: Explanation: 'align-content' aligns the entire grid vertically inside the container.

1. Q9. Which of the following properties defines where the item will start and end vertically?

Answer: grid-row

Explanation: Explanation: 'grid-row' is shorthand for 'grid-row-start' and 'grid-row-end'.

1. Q10. Which of the following properties defines where the item will start and end horizontally?

Answer: grid-column

Explanation: Explanation: 'grid-column' is shorthand for 'grid-column-start' and 'grid-column-end'.

1. Q11. Which of the following is the shorthand property of grid-column-start, grid-column-end, grid-row-start, and grid-row-end?

Answer: grid-area

Explanation: Explanation: 'grid-area' can define both row and column start/end positions.

1. Q12. Which of the following is a one-dimensional layout that can work on either row or column at a time?

Answer: Flex

Explanation: Explanation: Flexbox is for 1D layout — either rows or columns.

1. Q13. Which of the following is the two-dimensional layout that can work on rows and columns at a time?

Answer: Grid

Explanation: Explanation: CSS Grid enables 2D layout — rows and columns together.

1. Q14. Which of the following helps to design the outer layout of the web page?

Answer: Grid

Explanation: Explanation: CSS Grid is best suited for creating major layout sections of a web page.

1. Q15. Which of the following image is true for the code-justify-content: center;

Answer: Centers the entire grid content horizontally inside the container.

Explanation: Explanation: 'justify-content: center;' centers the grid within its container. Visual validation required.