What is the primary purpose of web platforms?

a) To sell products online

c) To manage computer hardware

b) To provide a framework for web applications

d) To design social media profiles

Which of the following is a key component of web platforms?

a) Operating systems

c) Computer hardware

b) Development tools

d) Network cables

What does HTTP stand for?

a) Hypertext Transfer Protocol

c) High-Level Text Processing

b) Hypertext Text Program

d) Home Tool Transfer Protocol

Which category of web applications focuses on creating, managing, and sharing documents?

a) Social Web

c) Document-Centric

b) Semantic Web

d) E-commerce

Which of the following is a feature of Social Web Applications?

a) Version control

c) Editing tools

b) User profiles

d) Document sharing

What is Bootstrap?

a) A server-side programming language

b) A front-end framework

c) A database management system

d) A web browser

Which of the following is a benefit of using Bootstrap?

a) It requires extensive JavaScript coding

b) It ensures consistent design

c) It is only compatible with older browsers

d) It slows down web development

What is a Bootstrap Container used for?

a) To create animations

b) To wrap content with padding

c) To design navigation bars

d) To style text

Which Bootstrap class is used to create a full-width container?

a) .container

b) .container-fixed

c) .container-fluid

d) .container-responsive

Which Bootstrap class is used to align text to the center?

a) .text-start

b) .text-end

c) .text-justify

d) .text-center

In binary division, what is the method used?

a) Add and carry

b) Shift and subtract

c) Multiply and divide

d) Subtract and borrow

What should you do if the divisor is larger than the part of the dividend you're currently looking at?

a) Carry over a one

b) Place a zero in the quotient

c) Ignore that part of the dividend

d) Reverse the divisor

Which of these is NOT a key component of a Web Platform?

a) Infrastructure

b) Development Tools

c) Operating System

d) Content Management

APIs are crucial for what?

a) Designing user interfaces

b) Integrating third-party services

c) Managing web server hardware

d) Creating HTML documents

Which web application category is best represented by Facebook and Twitter?

a) Document-Centric

b) Semantic Web

c) Social Web

d) E-commerce

What is a key advantage of Bootstrap?

a) It only works with JavaScript

b) It helps create responsive websites

c) It requires extensive custom CSS

d) It is a server-side technology

Which is NOT something you can quickly create with Bootstrap?

a) Form layouts

b) Navigation bars

c) Operating systems

d) Alert boxes

What does the `.container-fluid` class in Bootstrap do?

a) Creates a fixed-width container

b) Creates a full-width container

c) Creates a container with a maximum width

d) Adds rounded corners to a container

What is the purpose of Bootstrap's contextual color classes?

a) To change the font size

b) To emphasize text with color

c) To align text

d) To create animations

Which is a characteristic of Two-Tier Architecture?

a) It has a Presentation Tier, Application Tier, and Data Tier.

b) All components are integrated into a single system.

c) The client handles presentation, and the server manages data.

d) It is an extension of layered architecture with multiple layers.