Q1

A-1. The ~~few~~ features of HTML 5 are:-

⇒ Better structure adding New tags like <footer>, <section> etc.

⇒ It is helped for web page more organized.

⇒ Uses <canvas> and SVG for animation & drawing

⇒ In this < audio> and <video> Qualities.

⇒ New input type (email, date, number) for make attractive.

⇒ Work better on different screen size using Media Queries.

⇒ New attributes are mentioned like placeholder, etc.

⇒ Web page can work without the internet using local storage.

Q2

A-2 HTML Entities are :-

⇒ Special codes to display reserved characters.

⇒ This character have special meaning in HTML.

⇒ We are not easily typed in keyboard.

⇒ They start with & and end with ;.

⇒ Prevent HTML code from breaking.

⇒ Used to display invisible character.

5 commonly Used HTML Entities :-

⇒ & for &
⇒ < for <
⇒ " for "
⇒ > for >
⇒ ' for '

Q3

A-3. Accessibility in the context of web development are

→ Making web content usable for everyone
→ Web accessibility means designing websites, tools.
→ It enhance user experience.
→ Its include people with disabilities.
→ Ensure equal access to information.

Uses of Accessibility are :-

→ Legal compliance like many countries have law (like ADA, WCAG & Section 508) requiring accessible website.

⇒ Makes the web usable for everyone, including People with disabilities.

⇒ Improves usability for all users, not just those with disabilities.

⇒ Accessible website rank better on search engine because they are well structured.

Accessibility Benefits diffirent User group :-

⇒ for visually Impaired User use screen readers or high contrast modes.

⇒ Hearing Impaired User depend on captions, transcripts.

⇒ for Injuries broken arm, eyestrain can use voice commands, screen readers or one handed navigation.

⇒ for Noisy Places Captions ~~help~~ help when audio isn't clear.

⇒ Bright Sunlight high contrast mode improve visibility.

Q4.

A-4. Three way to improve the accessibility of an HTML are :-

⇒ Use proper tags like <header> <nav>, <main>, <Section>, <footer> its improve readability for screen readers.

⟹ Use the alt attribute to describe image.

⟹ Improve code readability.

Q5

AJ. I have done answer 6 and answer 5 but ~~where~~ where I upload this answer.