

A1. Learn HTML5 and CSS3

ASSESS YOURSELF

- (iii)
 - (i)
 - (ii)
 - (i)
 - (i)
- HTML5
 - Tags
 - Features
 - <HR>
 - Three
- F
 - F
 - T
 - F
 - T
- HTML
 - <TITLE>
 - Empty tags
 - CSS3
 - <H1>
- Meena should use <P> tag.
 - Ravi should use <H6> to create the smallest size heading.
 - An ordered list is used to show a step-by-step travel itinerary for your school trip.
 - An unordered list is used to create a travel packing checklist of items.

A2. Formatting a Webpage

ASSESS YOURSELF

- (ii)
 - (iii)
 - (i)
 - (iii)
 - (iii)
- font-size
 - text-decoration, strikethrough
 - color
 - repeat-y
 - margin
- Background-image
 - Text-indent
 - 16px
 - Normal, italic
 - Pixels
- Priya should use the text-indent property like:


```
<p style="text-indent:50px;">Text here</p>
```

b. Sahil should use background-image with no-repeat like:

```
body{background-image:url("globe.jpg"); background-repeat:no-repeat;}
```

c. The tag is used to display images and the three important attributes are src, width and height.

A3. Lists and Tables in HTML5

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- | | | | | |
|--------|--------|---------|---------|---------|
| a. (i) | b. (i) | c. (ii) | d. (ii) | e. (iv) |
|--------|--------|---------|---------|---------|
- | | | | | |
|------|------|------|------|--|
| a. F | b. T | c. F | d. F | |
|------|------|------|------|--|
- | | | | | |
|----------|----------|----------|-----------|--|
| a. Style | b. Terms | c. Cells | d. Border | |
|----------|----------|----------|-----------|--|
- | | | | | |
|--------------------------|------------|----------------|--|--|
| a. List-style-type:value | b. <DD> | c. Nested list | | |
| d. <TH> | e. padding | | | |
- a. Sachin can use the border-collapse property with the value collapse to create a single border for table cells.

b. Ayushi can add borders by using the border property in CSS, for example:
`table, th, td { border: 2px solid black; }`

c. Using CSS for fonts is better because it allows easy and consistent styling of text across the whole webpage from one place, while the tag only styles individual elements and is less flexible.

A4. Images, Links and Forms in HTML5

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- | | | | | |
|--------|---------|---------|---------|----------|
| a. (i) | b. (ii) | c. (ii) | d. (iv) | e. (iii) |
|--------|---------|---------|---------|----------|
- | | | | | |
|--------|----------|--------------|--|--|
| a. ALT | b. Audio | c. Hyperlink | | |
|--------|----------|--------------|--|--|
- | | | | | |
|------|------|------|------|--|
| a. F | b. F | c. F | d. T | |
|------|------|------|------|--|
- | | | | | |
|--------|--------|------------------|------------------|--|
| a. ALT | b. <A> | c. WAV, MP3, OGG | d. Form controls | |
|--------|--------|------------------|------------------|--|



5. a. Vyom should use checkboxes to allow selection of multiple options.
b. Manvi can use the tag.
Syntax:

A5. Prompt Engineering

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1. a. (iii) b. (iii) c. (ii) d. (i) e. (ii)
2. a. Creative b. Format c. Instruction d. Details e. Copilot
3. a. T b. F c. T d. F e. T
4. a. Context b. Analytical prompts c. ChatGPT
d. Prompt engineering e. Data prompts
5. a. Vikram can add a format, such as "list the planets in bullet points or in a table".
b. Arjun should use Copilot.
c. Rohan should not share personal information, should check the answers given by AI, use AI to learn and give credit for any help taken from AI.

A6. Digital Presence

ASSESS YOURSELF

1. a. (ii) b. (i) c. (ii) d. (iii) e. (iv)
2. a. Privacy settings b. Digital communication c. Internet
d. Cyber Threats e. Malware
3. a. T b. F c. T d. F e. T
4. a. Antivirus b. Digital citizenship c. Cyberbullying
d. Ransomware e. Eye strain
5. a. Ravi may face health issues like eye strain, sleep problems and reduced physical activity, so he should limit screen time and include exercise and breaks in his routine.
b. Arush is most likely facing spyware.