

6/1/20

IT SAI

SA-1 Class - XI 20-21

Student ID

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Section

A

Class Roll No.

5

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### Section-A Employability Skills

Ans 1 The children

Ans 2 She lives in Delhi

Ans 3 All of the above

Ans 4 Edit

Ans 5 All of the above

Ans 6 Helping the gov in implementing policies.

Ans 7 Entrepreneurship is the activity of setting up the business by a person on financial risk with the hope of getting profit.

Ans 8) Teamwork → is an act when a group of people come together or work together equally and supporting each other for getting successful in their action work.

Section B

### Section B

Ans 9) None of above

Ans 10) <head>

Ans 11) Web Browser

Ans 12) Software programmer

Ans 13) colon

Ans 14) Hyper Text Manipulated Language

Ans 15) File Transfer protocol

Ans 16) <h1>

Ans 17) ~~HTML~~ Head Tag

Ans 18) Animated effects

Ans 19) Browser → is a software application in computer which allow us accessing information on the WWW world wide web.  
most used browser are → google chrome, safari, Mozilla Firefox.

Ans 20) Tweening → It is the key process of animation in computer animation, it is the process of creating frames between two images. It helps in many ways.  
There are three types of tweening <sup>appearance of images with motion and shape.</sup>  
→ classic tween  
→ motion tween  
→ shape tween

Ans 21) Explain 3D studio Max?

3D studio max is computer graphics program for creating 3D models, animations and digital images. The software can handle several stages of the animation pipeline including pre-visualization, layout, cameras, modeling, texturing,

Ans 22) Sound → animation, VFX etc.

Q 22 What is sound? write various properties of sound.  
Ans → Sound is a wave, which travels in particles and which can be heard.

The various properties of sound are:-

→ loudness, tone, Pitch,

Q 23 What is <hr> Tag and write the HTML code.  
This element <hr> is used for horizontal line also.

Tag  
<hr>

Code  
<hr width=40% align="center">

Q.

### Section-D

Q 24 What is difference between external and Internal style sheet?

Ans External style sheet

→ It is a stand alone CSS file. ~~that is linked to~~

→ It is linked with from web page

→ In this style sheet you have to write the complete CSS code in another page

→ <html>, <head> tag

Internal style sheet

→ It holds CSS codes for the page in the head section of HTML file.

→ There are two kind of internal style sheets first one you use for style tag and second one ~~called~~ called inline style.

→ <style>, ~~width: 300px~~ tag

Q 25 What is Rota Scoping and key frames.

Rota Scoping is an animation technique that animation can be trace over motion picture footage, frame by frame to produce realistic action.

A key frame in animation and film making is a drawing or shot that defines the starting and ending points of any smooth transition. These are called frames because their position in time is measured in frames and a strip of film or on a digital video.

Q 26 What do you understand by SGI? Explain

Ans → SGI stands for Silicon Graphics, it is the leading manufacturer of high performance computing SGI workstation and servers are optimized for tasks. ~~the~~ ~~com~~ this enable users to visualize and work with data as if their systems had advanced capabilities

Q 27 What is the Syntax to define background color in HTML file.

```
<!DOCTYPE html>
```

```
<html>
```

```
<title> HTML Inline CSS </title>
```

```
</head>
```

```
<body>
```

```
<P style = "color: red", > This is red </P>
```

```
</body> and </html>
```

Q 28 What is the Tag for making a comment? Write the Syntax also.

Ans HTML comment begins with `<!--` and the comment closes with `-->`. HTML comments are visible to anyone that views the page source code but are not rendered when the HTML document is rendered by a browser

Syntax - `<!--` write your comments here `-->`

Ans<sup>29</sup> ~~Explain the digital video (DV) and define~~

Q29 What is Animation and how many types of Animation Explain?

Ans<sup>29</sup> Animation is the method in which figures are manipulated to appear as moving images. There are five types of Animation.

- 3D → vector and • Motion graphics
- Hand drawn → Stop motion

3D → 3D is also called computer animation. In 3D animated movies the animators use a program to move the characters' body parts around.

Q31)

Ans

→ 2D (vector) The motion here can be controlled by vectors rather than pixels.

→ Motion graphics → are pieces are digital graphics that create the illusion of motion usually for ads, title sequences in films.

Q30 Explain the digital video (DV) and Define. Real Video, MPEG-1 and Quick Time video file format.

Ans Digital video is an electronic representation of moving visual images in the form of encoded digital data. Digital video comprises a series of digital images displayed in rapid succession.

Real video → The specific format changes

with their version.

MPEG-1 is a standard for lossy compression of video and audio, perhaps best known part of the MPEG-1 is the first version of the MP3 audio format it introduced.

Q31) Why do we use CSS? What are two ways in which you can use CSS in your HTML Document? Explain with syntax.

Ans. CSS stands for Cascading Style Sheets. It describes how documents are presented on screens, in print or how they are pronounced.

→ We use CSS because it has following advantage

(i) CSS saves time

You can write CSS once and then reuse same sheet in multiple HTML pages.

→ It loads pages faster → If we are using CSS we don't need to write HTML tag attributes every time. Just write one CSS rule of a tag and apply to all.

→ Easy maintenance → To make a global change simply change the style and all elements in all the web pages will be updated immediately.

- Global web standards →
- HTML attributes are being deprecated and it is being recommended to use CSS, so it's a good idea to use CSS in all the HTML pages to make them compatible to future browsers.

Two ways to use CSS in HTML document

- External style sheet → It is a standalone CSS file linked from webpage

Syntax

= `<link>`, `<head>`

- Internal style sheet → It holds CSS rules for the page in the head section of HTML file

Syntax

`<style>`,