

Information Technology
Sample Questions
Std 10 : English Medium

Section 1 : Choose the one correct answer

- 1 Vipin is creating a poster. He included an image file in the poster. That picture did not lose clarity when it is zoomed in. Which of the following images had he used?

Answer Options

- A image.jpg
- B image.svg
- C image.png
- D image.bmp

Correct Answer:

- B image.svg

- 2 Identify from the following the image file exported from Inkscape.

Answer Options

- A. flower.png
- B. flower.jpg
- C. flower.svg
- D. flower.jif

Correct Answer :

- A. flower.png

- 3 Rajeev is creating a poster in Inkscape. He has created some objects. Now he wants to bring the first object above the second object. Which of the following techniques can be used?

Answer Options

- A Raise
- B Lower
- C Up
- D Down

Correct Answer:

- A Raise

4 Vipin is creating a picture in Inkscape. Which of the following techniques will help him to change the depth of the colour of an object?

Answer Options

- A Flat color
- B Opacity
- C Path
- D Offset

Correct Answer:

- B Opacity

5 Anu is creating a picture in Inkscape. Which of the following can be done using the tools in the tab Stroke paint in Fill and Stroke window?

Answer Options

- A Colour the object
- B Remove the colour of the object
- C Colour the outer line of the object
- D Change the style of the object

Correct Answer:

- C Colour the outer line of the object

6 Which of the following techniques can be used to copy the formatting given to a text or object in a document to other parts in that document?

Answer Options:

- A. Mail merge
- B. Filter
- C. Index formatting
- D. Clone formatting

Correct Answer:

- D. Clone formatting.

7 Which of the following techniques in Word Processor can be used to define certain words in a document as Headings.

Answer Options:

- A. Apply Style
- B. Paragraph Formatting
- C. Apply Filter
- D. Page Formatting

Correct Answer:

- A. Apply Style

8 Deepa is making some changes in the Style created in Word Processor. Her document is in Malayalam. Where should she make the changes in the tab Font?

Answer Options:

- A. Western Text Fonts
- B. CTL Fonts
- C. Asian Text Fonts
- D. English True Type Fonts

Correct Answer:

- B. CTL Fonts

9. Which of the following peculiarities of the headings and subheadings is used to identify them to include in the table of contents (Index Table) in a Word Processor document?

Answer Options:

- A. Colour of the headings and subheadings
- B. Size of the headings and subheadings
- C. Style of the headings and subheadings
- D. Indent of the headings and subheadings

Correct Answer:

- C. Style of the headings and subheadings

10 Which of the following is the tag used to include Internal Cascading Style in a web page?

Answer Options

- A. `<p>...</p>`
- B. `<style>...</style>`
- C. `<body>...</body>`
- D. `...`

Correct Answer:

- B. `<style>...</style>`

11 Which of the following is the attribute used to define the character style when a web page is created with Cascading Style?

Answer Options

- A. font-family
- B. font
- C. font-face
- D. font-property

Correct Answer:

- A. font-family

12. Which of the following is used to avoid the repetition of html tags and attributes in the creation of a web page?

Answer Options

- A. Cascading Style Sheets
- B. Web Content management System
- C. html editors
- D. Text editors.

Correct Answer:

- A. Cascading Style Sheets

13. Anu is creating a web page using Cascading Styles. She has decided to create a class selector for headings with <h2> tags in her name. Which of the following is the class selector Anu has prepared?

Answer Options

- A. h2.anu
- B. h2<anu>
- C. h2 anu
- D. h2,anu

Correct Answer:

- A. h2.anu

14 Which of the following is the attribute used to define the background colour when a web page is created with Cascading Style?

Answer Options

- A. background
- B. backcolor
- C. backgroundcolor
- D. back-color

Correct Answer:

- A. background

15 Which of the following is the first statement in Python Graphics program?

Answer Options

- A clear()
- B begin_fill()
- C from turtle import*
- D forward()

Correct Answer :

- C from turtle import*

16 What does the instruction `right(60)` indicate in Python Graphics program?

Answer Options

- A Turn the turtle to right by 60°
- B Draw a line with 60 unit length to right side.
- C Draw a circle with 60 unit radius in the right side.
- D Mark a point at a distance of 60 unit right.

Correct Answer:

- A Turn the turtle to right by 60°

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```
from turtle import*  
for i in range(40,101,20):  
    circle(i)
```

When we run this program, how many circles will be drawn in the Graphics window?

Answer Options

- A. 40
- B. 101
- C. 20
- D. 4

Correct Answer:

- D. 4

18 Anu is preparing patterns using Python. She wants blue coloured lines in her patterns. Which of the following instruction will help her?

Answer Options

- A `color(blue)`
- B `color blue`
- C `color("blue")`
- D `color "blue"`

Correct Answer:

- C `color("blue")`

19 Which of the following is the software that helps to create geometrical figures using Python programs?

Answer Options

- A Turtle
- B import
- C Python shell
- D IDLE

Correct Answer:

- A Turtle

20 Name the system that allows exchange data among inter connected computers.

Answer Options

- A. Computer Networking
- B. Blog
- C. File system
- D. Operating system

Correct Answer:

- A. Computer Networking

21 Which of the following is necessary to open a file saved in a computer from another computer?

Answer Options

- A. Networking
- B. Database
- C. E-Commerce
- D. DBMS

Correct Answer:

- A. Networking

22. Name the rules that should be followed in naming the computers and sharing the data in a computer network.

- A. IP Address
- B. Netmask
- C. Network Protocols
- D. Sharing

Correct Answer

- C. Network Protocols

23 How many pairs of wires are present in a UTP cable used to connect computers in a network?

Answer Options

- A. 4
- B. 12
- C. 8
- D. 10

Correct Answer:

- A. 4

Section 2 : Choose the two correct answer

1 Which of the following statements are true ?

Answer Options

- A Raster images retain their clarity when zoomed in.
- B Bitmap pictures are known as Vector images.
- C Vector images retain their clarity when zoomed in.
- D Raster images are created based on the path defined between the starting and ending points.
- E Vector images are created based on the path defined between the starting and ending points.

Correct Answer:

- C Vector images retain their clarity when zoomed in.
- E Vector images are created based on the path defined between the starting and ending points.

2 Which among the following are the Image files created in Inkscape?

Answer Options

- A Pattern.png
- B Pattern.tiff
- C Pattern.jif
- D Pattern.bmp
- E Pattern.svg

Correct Answer:

- A Pattern.png
- E Pattern.svg

3 Identify the steps to set a word as main heading using the technique Apply Style in Word processor.

Answer Options

- A. Select the word which is to be set as main heading.
- B. Select the word and the whole paragraph .
- C. Format the letters using Character Formatting.
- D. Select Heading1 from Apply Style Box.
- E. Format the sentences using Paragraph Formatting.

Correct Answer:

- A. Select the word which is to be set as main heading.
- D. Select Heading1 from Apply Style Box

4 When we apply the style Heading 1 from Apply Style Box to a Word processor document, which of the following things will occur ?

Answer Options

- A. All the headings in the documents are changed as Heading 1 .
- B. The words on which the style Heading 1 is applied are identified as Header .
- C. The words on which the style Heading 1 is applied are identified as Heading
- D. The formats defined in the style Heading 1 get applied to the words.
- E. The words on which the style Heading 1 is applied get the formatting of a Header.

Correct Answer:

- C. The software identifies the selected words as Heading .
- D. The formats defined in the style Heading 1 get applied to the selected words.

5 Which of the following statements are true about creating a new Style for headings in a document containing various languages?

Answer Options

- A. It is better to use CTL fonts for English letters.
- B. It is better to use Western Text fonts for Malayalam letters.
- C. It is better to use CTL fonts for Malayalam letters.
- D. It is better to use Western Text fonts for English letters.
- E. It is better to use Asian fonts for Malayalam letters.

Correct Answer:

- C. It is better to use CTL fonts for Malayalam letters.
- D. It is better to use Western Text fonts for English letters.

6 Which of the following are right codes of Cascading Style?

Answer Options

- A. font-family : Verdana ; color : #ff00ff ;
- B. font : Verdana ; colour : #ff00ff ;
- C. font-face:Verdana; color#ff00ff;
- D. font-family : Liberation Sans ; color : #ff00ff ;
- E. font-face:LiberationSans; color:#ff00ff ;

Correct Answers :

- A. font-family : Verdana ; color : #ff00ff ;
- D. font-family : Liberation Sans ; color : #4019da ;

7 Which of the following selectors can be used when Cascading Style is used for the creation of a web page?

Answer Options

- A. Paragraph selector
- B. Body selector
- C. Image selector
- D. Element selector
- E. Class selector

Correct Answers :

- D. Element Selector
- E. Class Selector

8 Anu is using Cascading Style for her web page. She has given her name as class selector for a paragraph about Football and Fathima's name as class selector for the paragraph about Badminton. Which of the following tags should she use to include these paragraphs in her web page?

Answer Options

- A. `<p.anu>...</p>`
- B. `<p.fathima>...</p>`
- C. `<p class="anu">...</p>`
- D. `<p anu.fathima>.....</p>`
- E. `<p class="fathima">...</p>`

Correct Answers :

- C. `<p class="anu">...</p>`
- E. `<p class="fathima">...</p>`

9

```
from turtle import*
for i in range(3):
    forward(100)
    right(120)
```

The Python program given above is for creating an equilateral triangle. If you make some changes in two statements, it will become a program to create a regular Hexagon. Find out those statements.

Answer Options

- A from turtle import* changes to from import turtle*
- B forward(100) changes to forward(60)
- C for k in range(3): changes to for k in range(6):
- D right(120) changes to right(60)
- E right(120) changes to left(120)

Correct Answers: C for k in range(3): changes to for k in range(6):

D right(120) changes to right(60)

```
10      from turtle import*
        for i in range(5):
            .....
            .....
```

The Python program given above is for creating a regular Pentagon with 50 unit side. Find out the two missing statements from the following options.

Answer Options

- A forward(50)
- B forward(72)
- C right(72)
- D right(50)
- E pensize(50)

Correct Answers:

- A forward(50)
- C right(72)

```
11 .....
    right(60)
    color("red","black")
    begin_fill()
    for j in range(4):
        forward(100)
    .....
```

The Python program given above is for creating a geometric figure. Which of the following statements are true regarding the statement `color("red", "black")` in the program ?

Answer Options

- A The geometric figure is displayed with black as out line colour.
- B The geometric figure is displayed with red as out line colour.
- C The geometric figure is displayed in black and red colours alternately with equal distance.
- D The geometric figure is displayed with black as fill colour
- E The geometric figure is displayed with red as fill colour

Correct Answers:

- B The geometric figure is displayed with red as out line colour.
- D The geometric figure is displayed with black as fill colour

12 Which of the following devices are used to control data flow through a computer network?

Answer Options

- A. Printer
- B. Hub
- C. Connector
- D. Switch
- E. Scanner

Correct Answer:

- B. Hub
- D. Switch

13 Name the colours that are absent in a UTP cable used to connect computers in a network.

Answer Options

- A. Orange
- B. Blue
- C. Green
- D. Black
- E. Yellow

Correct Answer:

- D. Black
- E. Yellow

14 Identify the uses of a computer network?

Answer Options

- A. Share files
- B. Share UPS
- C. Share mouse
- D. Share printer
- E. Share Keyboard

Correct Answer:

- A. Share files
- D. Share printer