

1. What is typically considered to be the most important hardware component in the computer?
- A) Central Processing Unit (CPU)
  - B) Monitor
  - C) Speaker
  - D) External Hard Drive

**2.** What is the keyboard shortcut for 'select all' in Windows OS?

- A) Control + x
- B) Control + f
- C) Control + a
- D) Control + s

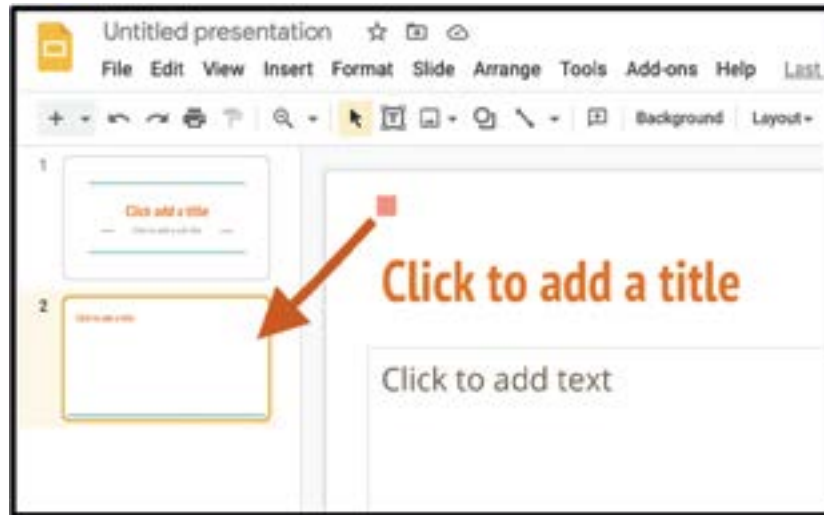
**3.** Which of the following is a Google mobile operating system?

- A) Harmony OS
- B) Android OS
- C) Windows OS
- D) iOS

4. Some examples of voice assistants are \_\_\_\_\_.

- A) Facebook, Microsoft Word
- B) Siri, Alexa, Google Assistant
- C) Adobe Photoshop, Snapchat
- D) Spotify, TikTok, WhatsApp

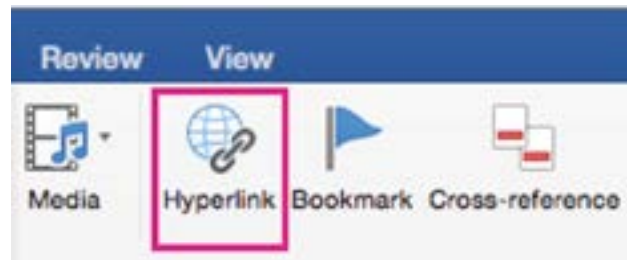
5.



What is the highlighted rectangle called in this software application?

- A) Chart
- B) Graphics
- C) Slide
- D) Image Holder

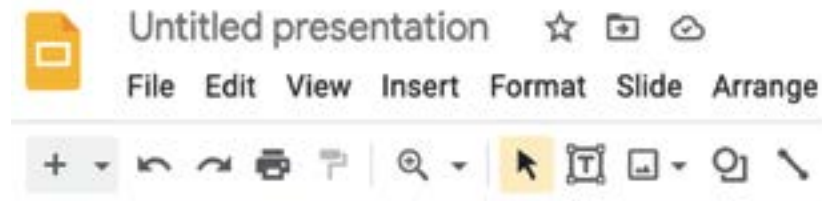
6.



Which one is NOT a functional use of the hyperlink feature in Microsoft Word?

- A) Insert an email address
- B) Link to another website
- C) Insert a file link
- D) Send a printout

7.

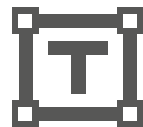


Which icon do you click to add text to a slide?

A)



B)



C)



D)



**8. Microsoft Word and Google Docs are examples of what?**

- A) Word processors
- B) Spreadsheets
- C) Presentations
- D) Databases

9.



Look at the challenge above and find the correct code.

- A) forward - forwardUp - forward
- B) forwardDown - forwardUp - forward
- C) forward - forwardUp - forwardDown
- D) forward - forwardDown - forwardUp

10.



Look at the challenge above and find the correct solution.

A)



B)



C)



D)



11.



Look at the challenge above. How many steps does the beaver need to take to complete the path?

A) 2

B) 3

C) 4

D) 5

12.



Look at the challenge above. What is wrong with the solution?

- A) “forwardUp” must be removed.
- B) “repeat” must be “2”.
- C) “forwardDown” must be removed.
- D) All blocks are fine.

13.



Look at the challenge above. What is the correct number for the repeat block?

A) 3

B) 4

C) 5

D) 6



The screenshot shows the Scratch stage with a desert background. A river flows through the center. A code block is visible on the right side of the stage, containing the following blocks:

```

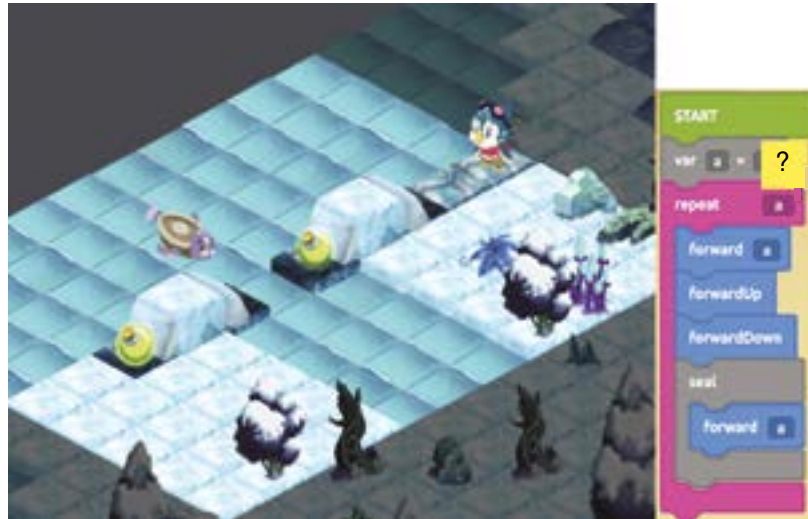
START
repeat (2)
  forward (5)
  turn right (90)
  forwardUp
  forwardDown
  forward (1)
  
```

Below the code block, there is a question mark and an arrow pointing left, indicating a question about the code's effect.

A)



15.



Look at the challenge above. What is the correct number for the var block?

A) 4

B) 3

C) 2

D) 1

**16.** Why does the computer need random access memory (RAM)?

- A) To shut down the computer.
- B) For data backup.
- C) For permanent storage of data.
- D) For temporary storage of data.

17. Which device is **ONLY** used to output data?

- A) Microphone
- B) Speaker
- C) Headset (headphones with a microphone)
- D) Scanner

18. Which operating system is running on the iPhone?

- A) macOS
- B) iPadOS
- C) Windows
- D) iOS

**19.** How many bytes are in 1 kilobyte?

A) 1024

B) 16

C) 111

D) 100

**20.** Which file has the largest size on the computer?

- A) mylife.docx (2500 byte)
- B) calculation.xlsx (120 kilobyte)
- C) dance.mp3 (4.4 megabyte)
- D) landscape.jpg (300 kilobyte)

21. "A web host provides the services that a website needs to operate on the internet."

**What name do we give to a computer that hosts websites?**

- A) Webserver
- B) Supercomputer
- C) Mainframe computer
- D) PC (Personal Computer)

- 22.** “A valid email address consists of an email prefix and an email domain, both in acceptable formats.”

**Which of the following is a valid email address?**

- A) john.weppner.com
- B) john@weppner.com
- C) john@weppner
- D) johnweppner@gmail

**23.** A webcam captures digital pictures as it is an ..... device.

- A) system
- B) output
- C) input
- D) software

**24.** Which of the following passwords would be considered the strongest?

- A) abc123
- B) 2021
- C) @1ManShow
- D) mypassword

25. Which line should be corrected, and what is the correct code?



- A) line 2: hero.moveUp(5)
- B) line 5: hero.moveLeft(2)
- C) line 6: if True:
- D) line7: hero.findNearestEnemy()

26. You need to build a fence on the mark to keep the villagers safe! Which code correctly completes this task?



- A) `hero.build ("fence", 40, 53)`
- B) `hero.build (fence, 40, 53)`
- C) `build ("fence", 40, 53)`
- D) `hero.buildXY("fence", 40, 53)`

27. Find the line that contains a mistake preventing the hero from completing the task.



- A) Line 2
- B) Line 4
- C) Line 6
- D) None of them



29. Which line correctly fills in the blank (line 5) so the code works as intended?



- A) repeat forever:
- B) while True:
- C) if True:
- D) for i in range(10):

30. The code runs, but the hero stops attacking after the first enemy. Which change will fix the problem?



- A) Add parentheses () after hero.findNearestEnemy on line 3
- B) Replace hero.attack(enemy1) with hero.attack("enemy1")
- C) Add hero.cleave(enemy2) after the second attack
- D) Remove enemy3 = hero.findNearestEnemy()

**ANSWERS**

1. A
2. C
3. B
4. B
5. C
6. D
7. B
8. A
9. C
10. A
11. B
12. B
13. C
14. D
15. C
16. D
17. B
18. D
19. A
20. C
21. A
22. B
23. C
24. C
25. B
26. D
27. C
28. B
29. B
30. A