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First Year Entrance Examination English curriculum

COMPUTER CULTURE TEST

Duration : 1 Hour

Anonymat _____

MCQ (Multiple Choice Questionnaire)

Correct answer = 0.5Mrk; Wrong answer = 0 Mrk; No answer = 0 Mrk

Circle only the letter corresponding to the correct answer on your copy.

1: Which of these components is not absolutely necessary for the proper functioning of a computer?

- A. The processor.
- B. The screen.
- C. Memory (living or dead).
- D. The keyboard.

2: Which of these IPv4(s) are valid?

- A. 55.103.256.178
- B. 8.8.8.8
- C. 32.140.238.200
- D. 124.52.9.251.1

3: Which of these languages generally requires a compiler to run on a computer?

- A. C++
- B. HTML
- C. PHP
- D. SQL

4: Which of these protocols does not use cryptographic measures (encryption or signature) for security purposes?

- A. HTTP
- B. HTTPS
- C. Telnet
- D. DNSec

5: Which of these operating systems are GNU/Linux distributions?

- A. ubuntu
- B. Debian
- C. FreeBSD
- D. SteamOS

6: Which company was founded in 1975?

- A. Google
- B. Microsoft
- C. Amazon
- D. IBM

7: http is:

- A. A computer program
- B. A programming language for creating web pages
- C. A protocol used to access web pages
- D. A cryptographic algorithm to secure a browser

8: Which of the following is not a programming language?

- A. C++
- B. Java
- C. Eclipse
- D. Python

9: Which of the following is not an operating system?

- A. PHP
- B. macOS
- C. Linux
- D. Windows

10: How much is approximately equal to 32 GB?

- A. 32 trillion bytes
- B. 32 thousand bytes
- C. 32 million bytes
- D. 32 billion bytes

11: Which scientist laid the foundations of modern computing?

- A. Rene Descartes
- B. Albert Einstein
- C. Alan Turing
- D. Bill Gates

12: Which of the following is a programming language?

- A. SQL Server
- B. C#
- C. Github
- D. Microsoft Azure

13: What is an operating system?

- A. A hardware part of the machine that manages all the others
- B. A virus that exploits the machine's resources to its advantage
- C. A program that regulates the operation of a computer
- D. An algorithm for quickly using computer memory

14: What base is used by computers to store information in the transistors of its memory?

- A. Base 16
- B. Base 8
- C. Base 10
- D. Base 2

15: Which component of a computer organizes the execution of programs?

- A. RAM memory
- B. The microprocessor
- C. The graphics card
- D. The USB bus

16: What is the most common computer language used to write web pages?

- A. HTML (Hypertext Markup Language)
- B. HTTP (Hypertext Transfer Protocol)
- C. Java

17: What is an IP address?

- A. A number that identifies each piece of hardware (computer, router, printer) connected to a computer network
- B. The communication protocol used on the Internet
- C. The address of a website, beginning with "http://"

18: What do you call software whose user must pay the author if he wants to continue using it after a free period?

- A. Freeware
- B. Open Source Software
- C. Shareware

19: What is a CPU?

- A. A processor
- B. A video card
- C. A hard drive

20: In what unit is the frequency (number of cycles per second) of a microprocessor measured?

- A. In GB (gigabyte)
- B. In GHz (gigahertz)
- C. In MIPS (million instructions per second)

21: What is the name of malicious software installed on a computer with the aim of collecting and transferring information without the user's knowledge?

- A. A virus
- B. Spam
- C. Spyware

22: How much is 1 MB (megabyte) worth?

- A. million bytes
- B. 1000 bytes
- C. 1024 bytes

23: What is RAM (Random Access Memory)?

- A. The memory of a computer, which is erased when the power supply is interrupted
- B. The memory of a computer, which is not erased when the device is no longer supplied with electricity

24: What are the connectors used to connect the cables of a computer network called?

- A. USB (Universal Serial Bus)
- B. SATA (Serial Advanced Technology Attachment)
- C. RJ45

25: What does FTP mean?

- A. File Transmission Protocol
- B. File Transfer Protocol
- C. Fiber twisted pairs

26: What does backing up your hard drive mean?

- A. Copy all content in another drive
- B. Reinstall one of the last backups from his disk
- C. Renaming it

27: Which of the following extensions does not exist to characterize an Image file?

- A. .gif
- B. .jpg
- C. .com

28: The .mp3 extension can contain:

- A. the video
- B. music
- C. the photo

29: To which domain does the streaming technique apply?

- A. On video
- B. To sound
- C. To Word documents

30: What device do I need to connect my computer to the Internet?

- A. Modem
- B. Fax
- C. Printer

31: Google is a:

- A. Software
- B. Search engine
- C. Downloads Site

32: What is spam?

- A. Unwanted email
- B. Malware
- C. A computer malfunction

33: What is a URL?

- A. A website
- B. A computer game
- C. A site, image or document address on the internet

34: Characters emitted by certain websites and stored on the hard disk of the computer you are using:

- A. Cookies
- B. Spam
- C. Cupcakes

35: A zip extension archive is:

- A. Synchronization software
- B. Image processing software
- C. Compression/decompression software

36: What is PDF?

- A. French Democratic Party
- B. Portable Document Format
- C. Fine Interchange Pages

37: Which of these companies is NOT an Internet service provider:

- A. Orange
- B. Camtel
- C. CRTC

38: How does automatic IP address assignment via DHCP work?

- A. DHCP detects the newly connected machine and configures it
- B. The client machine queries the DHCP by making a broadcast
- C. DHCP queries a file that already has server information

39: Who are the founders of Google?

- A. Jobs and Wozniak
- B. Page and Brin
- C. Gates and Allen

40: The binary contains only ...

- A. 1 and 2
- B. 0 and 1
- C. 0 and 2