

First Year Entrance Examination English curriculum

COMPUTER CULTURE TEST

Duration : 1 Hour 30

Anonymat _____

NB: Calculator not allowed!

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: The binary number 1011 is in decimal?

- A. 7.
- B. 9.
- C. 33.
- D. 11.

2: The number following the number 4 in base 5 is?

- A. 10
- B. 5
- C. 0
- D. A

3: A French keyboard is a keyboard?

- A. AZERTY
- B. QWERTY
- C. Type 12
- D. Type 02

4: TIFF is a format?

- A. pictures
- B. database
- C. FF-type Computer Terminal
- D. internet protocol

5: To separate a physical hard disk into two logical disks, you must:

- A. Format the disk
- B. Partition it
- C. Share it

6: A memory cannot be of type?

- A. ROM
- B. RUM
- C. RAM

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: What is MP3?

- A. A method of protecting audio files
- B. An audio file exchange protocol
- C. An audio data compression format

11: Which of the following IP addresses is not valid:

- A. 169.36.125.0
- B. 1.2.3.4
- C. 147.126.256.9

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: The "ping" command is used to:

- A. to nothing
- B. check the response time of a remote machine
- C. know the path to reach a remote machine

15: What unit of measurement is associated with data rate in computer and telecommunications (bit rate)?

- A. meter (m)
- B. kilohertz (kHz)
- C. kilobit per second (kb/s)
- D. meter per second (m/s)

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: A DHCP server allows:

- A. to download files
- B. to control internet connections from a local network
- C. provide the description of a web page
- D. assign an ip address to a computer

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: The following terms correspond to types of viruses:

- A. spam
- B. Trojan horse
- C. macro virus
- D. hardware

20: 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

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: 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

23: What does FTP mean?

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

24: 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

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

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

26: To which domain does the streaming technique apply?

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

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

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

28: Google is a:

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

29: What is spam?

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

30: What is a URL?

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

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

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

32: A zip extension archive is:

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

33: What is PDF?

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

34: What about Wikipedia?

- A. It is an encyclopedia created by the national education system.
- B. It is an encyclopedia whose articles are written by librarians.
- C. It is an encyclopedia whose contributors are paid according to their articles.
- D. This is an online collaborative encyclopedia.

35: 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

36 : When declaring a variable in programming, which memory is used?

- A) RAM
- B) ROM
- C) Hard disk
- D) Microprocessor

37 : variable A contains 10.5 , What does the line opposite show? printf("A = %d ",A);

- A) A=%d
- B) A= 10.5
- C) A=10
- D) A=d ,

38 : We want to retrieve a decimal number entered from the keyboard, which line is correct?

- A) scanf("%f",decimalnumber);
- B) scanf("%d",decimalnumber);
- C) scanf("%lf", *DecimalNumber);
- D) scanf("%f",&DecimalNumber);

39 : How do you make variable A a true boolean if B contains at least 1?

- A) A= B > 1
- B) A= B !=1
- C) A= B > 0
- D) A= B > =0

40 : What happens after a return?

- A) The function stops and returns the indicated result
- B) The function continues and returns the specified result
- C) The function continues and returns no result

41: When is the return statement not required?

- A) When the function takes no input parameters
- B) When the function is of type void
- C) When the function must return 0