

GENERAL SCIENCE

SECTION-A

COMPUTER SCIENCE

UNIT – 1

1. Most important advantage of an IC is its
 - a) Easy replacement in case of circuit failure
 - b) Extremely high reliability
 - c) Reduced cost
 - d) Low power consumption
2. The 2's compliment of a binary No. is obtained by adding.... to it's compliment.
 - a) 0
 - b) 1
 - c) 10
 - d) 12
3. Symbolic languages were developed in
 - a) 1962
 - b) 1950
 - c) 1974
 - d) 1980
4. The personnel who deals with the computer and its management put together are called
 - a) Software
 - b) Humanware
 - c) Firmware
 - d) Hardware
5. Which of the following can store information in the form of microscopic pits on metal disks.
 - a) Laser disks
 - b) Tape cassettes
 - c) RAM cartridge
 - d) Punched cards
6. The list of coded instructions is called
 - a) Computer program
 - b) Algorithm
 - c) Flowchart
 - d) Utility programs
7. A device for converting hand written impressions into coded characters and positional coordinates for input to a computer is
 - a) Touch panel
 - b) Mouse
 - c) Wand
 - d) Writing tablet

8. The term referring to evacuating the content of some part of the machine is known as

- a) Dump
- b) Enhancement
- c) Down
- d) Compiler

9. Compression of digital data for efficient storage is

- a) Buffer
- b) CPU
- c) Packing
- d) Field

10. The organization and interconnection of the various components of a computer system is

- a) Architecture
- b) Networks
- c) Graphics
- d) Designing

11. The brain of any computer system is

- a) ALU
- b) Memory
- c) CPU
- d) Control unit

12. Data division is the third division of a program.

- a) COBOL
- b) BASIC
- c) PASCAL
- d) FORTH

13. Compilers and interpreters are themselves

- a) High – level language
- b) Codes
- c) Programs
- d) Mnemonics

14. Where are silicon chips manufactured in India?

- a) Chandigarh
- b) Punjab
- c) U.P.
- d) Tamil Nadu

15. Who designed the first electronics computers – ENIAC?

- a) Van – Neumann
- b) Joseph M Juoquard
- c) J. Presper Ecket and John W Mauchly
- d) All of the above

16. When did arch rivals IBM and Apple Computers Inc. decide to join hands?

- a) 1978
- b) 1984
- c) 1990
- d) 1991

17. What is the name given to the molecular – scale computer?

- a) Femtocomputer
- b) Nanocomputer
- c) Supercomputer
- d) Microcomputer

18. Human beings are referred to as Homosapiens. Which device is called Silico sapiens?

- a) Monitor
- b) Hardware
- c) Robot
- d) Computer

19. What is meant by computer literacy?

- a) Knowing what a computer can and cannot do
- b) Ability to write computer programs
- c) Knowing computer related vocabulary
- d) Ability to assemble computers

20. The attribution of human form or qualities to things such as machines or computers is called

- a) Cybernetics
- b) Cybernation
- c) Artificial intelligence
- d) Anthropomorphism

21. What is the name given to the weapons which use computerized guidance system?

- a) Guided weapons
- b) Smart weapons
- c) Dumb weapons
- d) Starwars weapons

22. A menu – driven operating system is one which allows you to pick up from the menu of choices it displays on the screen. What is the name given to the images which are used in such image oriented menus?

- a) Icon
- b) Figure
- c) Symbol
- d) Option

23. Fifth generation computers are likely to exhibit

- a) Artificial intelligence
- b) Heuristic behaviour
- c) Advanced parallel processing
- d) All of the above

24. The digitizing technology that uses an electric field radiated from the tablet and picked by cursor is

- a) Raster
- b) Electrostatic
- c) Sonic
- d) electromagnetic

25. What technology is used for flat panel displays?

- a) Solid state
- b) RBG monitor
- c) VLSI
- d) Direct view storage tube

26. When used with I/O devices, the term intelligent implies

- a) A color output capability
- b) Speech processing capability
- c) High speed printing capability
- d) Feature to support offline and online tasks

27. In magnetic disks, data is organized on the platter in a concentric sets of rings called

- a) Sector
- b) Track
- c) Head
- d) Block

28. The computer program language which is widely used in computer science and engineering and also in business in

- a) COBOL
- b) FORTRAN
- c) PASCAL
- d) LISP

29. A storage device which is used to store data and information external to the main storage is known as

- a) Buffer
- b) Backing storage
- c) PROM
- d) Accumulator