

Date of Examination



No of Questions	xx
No. of Pages	

GENERAL SIR JOHN KOTELAWALA DEFENCE UNIVERSITY
SELECTION TEST FOR THE ENROLLMENT OF DAY SCHOLARS – INTAKE 39
COMPUTER SCIENCE, COMPUTER ENGINEERING AND SOFTWARE
ENGINEERING DEGREE PROGRAMMES
SUBJECT RELATED GENERAL KNOWLEDGE
(MODEL PAPER)

Call up No: -.....

NIC No: -.....

General Instructions:

Duration:

Answer *all questions* in the **Answer Sheet Provided**

04 mark for each correct answer (No minus marks)

1. The list of coded instructions is called
 - a. Computer program
 - b. Algorithm
 - c. Flowchart
 - d. Utility programs

2. Which output device is used for translating information from a computer into pictorial form on paper
 - a. Mouse
 - b. Plotter
 - c. Touch panel
 - d. Card punch

3. From what location are the 1st computer instructions available on boot up?
 - a. ROM BIOS
 - b. CPU
 - c. boot.ini
 - d. CONFIG.SYS

4. A hard disk is divided into tracks which are further subdivided into:
 - a. Clusters
 - b. sectors
 - c. vectors
 - d. heads

5. The mouse pointer moves erratically, what is the possible cause? The mouse
 - a. ball is dirty
 - b. is not connected
 - c. driver is not installed properly
 - d. has an incorrect IRQ setting

6. When the LAN is arranged in such a way that each computer is connected directly to the HUB the configuration can be termed as _____ network.
 - a. Bus
 - b. Star
 - c. Ring
 - d. None of these

7. To communicate with other computers over a telephone line the computer must have _____ installed.
 - a. Telephone set
 - b. Modem
 - c. LAN Card
 - d. None of these

8. A program that converts computer data into some code system other than the normal one is known as
 - a. Encoder
 - b. Simulation
 - c. Emulator
 - d. Code

9. Window is Known as
- Software
 - Operating System
 - Main Processing Unit
 - Input Device
10. A language which is close to that used within the computer is
- High-level language
 - Assembly language
 - Low-level language
 - All of the above
11. Computer memory consists of
- RAM
 - ROM
 - PROM
 - All of the above
12. Word processing, spreadsheet, and photo-editing are examples of:
- Application software.
 - System software.
 - Operating system software.
 - Platform software.
13. All of the following are examples of input devices EXCEPT a
- Scanner
 - Mouse
 - Printer
 - Keyboard
14. Computers use the _____ language to process data.
- relational
 - megabyte
 - binary
 - processing

15. RAM is used as a short memory because it is
- Volatile
 - Has small capacity
 - Is very expensive
 - Is programmable
16. One byte is equivalent to
- 8 bit
 - 16 bit
 - 32 bit
 - 64 bit
17. As compared to diskettes, the hard disks are
- more expensive
 - more portable
 - less rigid
 - slowly accessed
18. Which of the following is not currently a topic in computer science?
- Speech recognition
 - Artificial intelligence
 - Thermodynamics
 - Multiprocessing
19. The base of the hexadecimal number system is
- 2
 - 8
 - 32
 - 16
20. All of the following statements concerning windows are true EXCEPT:
- Windows are an example of a command-driven environment.
 - Windows can be resized and repositioned on the desktop.
 - More than one window can be open at a time.
 - Toolbars and scrollbars are features of windows.

21. IC chips used in computers are made of
- Silicon
 - Chromium
 - Lead
 - Silver
22. Reusable optical storage will typically have the acronym
- CD
 - DVD
 - ROM
 - RW
23. is processed by the computer into information.
- Data
 - Numbers
 - Alphabets
 - Pictures
24. File extensions are used in order to
- Name the file
 - Ensure the filename is not lost
 - Identify the file
 - Identify the file type
25. A computer cannot "boot" if it does not have the
- Compiler
 - Loader
 - Operating System
 - Assembler