

Date of Examination



No of Questions	25
No. of Pages	04

GENERAL SIR JOHN KOTELAWALA DEFENCE UNIVERSITY

SELECTION TEST FOR THE ENROLLMENT OF DAY SCHOLARS - INTAKE 41

BSc. in Information Technology / Information Systems Degree Programmes

SUBJECT KNOWLEDGE - 2023

Instructions:

Duration: 20min

Answer **all questions**.

Mark the correct answers on **MCQ answer sheet which** is provided.

1. What is the primary requisite of a good computer programmer?
 - a) Mathematical mind
 - b) Artistic mind
 - c) Logical mind
 - d) Scientific knowledge
2. The first mechanical computer designed by Charles Babbage was called?
 - a) Abacus
 - b) Analytical engine
 - c) Calculator
 - d) Time machine
3. What does HTML stand for?
 - a) Hyper Text Markup Language
 - b) Hyperlink Text Markup Language
 - c) Hyper Table Markup Language
 - d) Hyper Text Model Language
4. Which day is celebrated as world Computer Literacy Day?
 - a) December 6
 - b) December 3
 - c) December 2
 - d) December 5

5. CD-ROM is a kind of?
- a) Optical disk
 - b) Magnetic disk
 - c) Magneto-Optical disk
 - d) None of these
6. Which of the following is an example of a programming language?
- a) C++
 - b) Photoshop
 - c) Windows
 - d) HTML
7. Find the odd one out?
- a) Mouse
 - b) Keyboard
 - c) Printer
 - d) Touch screen
8.is a computer malware.
- a) Worms
 - b) Mantrap
 - c) Trojan horse
 - d) Phishing
9. What is the decimal equivalent of the binary number 1101?
- a) 13
 - b) 25
 - c) 23
 - d) 15
10. What is the binary equivalent of the decimal number 12?
- a) 1100
 - b) 11101
 - c) 111000
 - d) 11100
11. The shortcut “Ctrl +P” is
- a) Copy
 - b) Print
 - c) Paste
 - d) Undo

12. What is meant by “NIC” in a computer?
- a) Network Identification Card
 - b) Network Interchange Card
 - c) National Identity Card
 - d) Network Interface Card
13. Which of the following file formats is commonly used in Microsoft Word documents?
- a) .docx
 - b) .pdf
 - c) .txt
 - d) .ppt
14. What is the purpose of spyware?
- a) To display unwanted advertisements
 - b) To monitor and gather information without consent
 - c) A malicious program disguised as a legitimate one.
 - d) To encrypt files and demand ransom
15. is/are a cloud computing service.
- a) SaaS
 - b) IaaS
 - c) PaaS
 - d) All of the above
16. $5 \text{ mod } 2$ is equal to
- a) 1
 - b) 2
 - c) 0
 - d) 4
17. Which communication mode is used in walkie talkies?
- a) Simplex
 - b) Half duplex
 - c) Full duplex
 - d) Multiplex
18. is not a control structure used in algorithms
- a) Sequence
 - b) Regression
 - c) Selection
 - d) Repetition

19. What the meaning of PDF extension?
- a) Photoshop Document Format
 - b) Postal Document Format
 - c) Portable Document format
 - d) Presentation Document Format
20. Which file format is not used for storing compressed files?
- a) ZIP
 - b) 7z
 - c) RAR
 - d) PDF
21. Which of the following is a common method of computer virus transmission?
- a) Email attachments
 - b) Rebooting
 - c) Passwords
 - d) Screen savers
22. Which company is nicknamed "Big Blue" ?
- a) Apple
 - b) Microsoft
 - c) IBM
 - d) Asus
23. What is the standard protocol of the Internet?
- a) TCP/IP
 - b) WWW
 - c) PhP
 - d) HTTP
24. The first web-based e-mail service is
- a) Hotmail
 - b) Gmail
 - c) Ymail
 - d) Protonmail
25. The first page of a website is called.....
- a) Web page
 - b) New page
 - c) Home page
 - d) First page

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