

Date of Examination



No of Questions	xx
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GENERAL SIR JOHN KOTELAWALA DEFENCE UNIVERSITY
SELECTION TEST FOR THE ENROLLMENT OF OFFICER CADETS / SELECTION TEST FOR THE
ENROLLMENT OF DAY SCHOLARS
INTAKE - 40
BSc. in Information Technology/Information Systems Degree Programme
ENGLISH / IQ / GK / SUBJECT RELATED KNOWLEDGE /PSYCHOLOGICAL
ASSESSMENT
(MODEL PAPER)

Instructions:

Answer all questions

Duration:

Mark the correct answers on MCQ answer sheet, which is provided

1) The sampling rate (how many samples per second are stored) for a CD is?

- a) 48.4 kHz
- b) 22,050 Hz
- c) 44.1 kHz
- d) 48 kHz

2) Who created Pretty Good Privacy (PGP)?

- a) Phil Zimmermann
- b) Tim Berners-Lee
- c) Marc Andreessen
- d) Ken Thompson

3) What do we call a network whose elements may be separated by some distance? It usually involves two or more small networks and dedicated high-speed telephone lines.

- a) URL (Universal Resource Locator)
- b) LAN (Local Area Network)
- c) WAN (Wide Area Network)
- d) World Wide Web

4) Who co-founded Hotmail in 1996 and then sold the company to Microsoft?

- a) Shawn Fanning
- b) Ada Byron Lovelace
- c) Sabeer Bhatia
- d) Ray Tomlinson

5) In what year was the "@" chosen for its use in e-mail addresses?

- a) 1976
- b) 1972
- c) 1980
- d) 1984

6) Which Company made Ubuntu Operating System?

- a) Linux
- b) Microsoft
- c) Canonical
- d) IBM

7) Who is known as the Human-Computer of India?

- a) Alan Turning
- b) Yukihiro Matsumoto
- c) Elon Mask
- d) Shakuntala Devi

8) After 25+ years of helping people use and experience the web, Internet Explorer (IE) is officially retired and out of support. The official retirement date was?

- a) April 10, 2022
- b) June 15, 2022
- c) December 31, 2020
- d) January 10, 2022

9) SEO stands for?

- a) Systematic Engine Operator
- b) Synchronized Engine Optimization
- c) Search Engine Optimization
- d) Symmetric Encryption Operation

10) Blowfish is a type of _____

- a) Symmetric Encryption Algorithm
- b) Hashing Algorithm
- c) Digital Signature Algorithm
- d) Asymmetric Encryption Algorithm

11) A(n) _____ is an object embedded in a web page or email, which unobtrusively (usually invisibly) allows checking that a user has accessed the content

- a) Cookie
- b) Virus
- c) Web beacon
- d) Spam

12) Which among the following term is used for unauthorized copying of a software to be used for personal gain instead of personal backup?

- a) Program thievery
- b) Data snatching
- c) Software piracy
- d) Program looting

13) What is the computer program that translates one program instruction at a time into machine language?

- a) Compiler
- b) CPU
- c) ROM
- d) Interpreter

14) Which of the following is the communication protocol that sets the standard used by every computer that accesses web-based information?

- a) XML
- b) HTTP
- c) DML
- d) HTML

15) Java was introduced by which of the following organization?

- a) IBM
- b) Intel
- c) Microsoft
- d) Sun Microsystem

16) One nibble is equal to _____

- a) 4 Bits
- b) 4 Bytes
- c) 8 Bytes
- d) 8 Kilo Bytes

17) Which of the following computing model is not an example of distributed computing environment?

- a) Cloud computing
- b) Parallel computing
- c) Cluster computing
- d) Peer-to-peer computing

18) Consider the following two statements:

- (a) Business intelligence and Data warehousing is used for forecasting and Data mining.
- (b) Business intelligence and Data warehousing is used for analysis of large volumes of sales data.

Which one of the following options is correct?

- a) (a) is true, (b) is false
- b) Both (a) and (b) are true
- c) (a) is false, (b) is true
- d) Both (a) and (b) are false

19) Which of the following is not used in standard JPEG image compression?

- a) Huffman coding
- b) Runlength encoding
- c) Zig-zag scan
- d) K-L Transform

20) Which is the day we celebrate the world Computer Literacy Day?

- a) December 02
- b) April 01
- c) October 20
- d) June 23

21) Out of the following which one is not a programming language?

- a) C++
- b) Python
- c) HTML
- d) Java

22) Which of the following is not a pointing device?

- a) Touch screen
- b) Light pen
- c) Web camera
- d) Mouse

23) What is the technology used by first generation computers?

- a) Integrated circuits (IC)
- b) Transistors
- c) Vacuum tubes
- d) Microprocessors

24) how many number of layers are there in the OSI (Open Systems Interconnection) Model?

- a) 9
- b) 3
- c) 11
- d) 7

25) Errors in computer programs are called as _____

- a) Spam
- b) Bugs
- c) Failures
- d) Mistakes