



University of Kelaniya

Center for Distance and Continuing Education

Bachelor of Arts (General) Degree First Examination (External)

2025-September (Repeat Exam)

Faculty of Science

Computer Literacy - COMP E 1014 – Paper I

Answer All Questions

Number of questions: 40

Number of pages: 05

Time: 01 Hour

- ❖ Select the most appropriate answer for each question.
- ❖ Mark your answers on the separate answer sheet provided.
- ❖ The use of calculators is not permitted.

- 1) Which of the following is not essential for connecting to the internet and visiting a website?
 1. IP address
 2. Modem/Router
 3. Search engine
 4. Web browser
 5. Internet Service Provider
- 2) Which of the following groups of characteristics best describes the main strengths of a computer
 1. Speed, Intelligence, Ease of Use
 2. Emotions, Accuracy, Efficiency
 3. Memory Retention, Emotions, Efficiency
 4. Speed, Accuracy, High Efficiency
 5. Speed, Memory Retention, Feeling Tired
- 3) Which of the following is the least likely event that malware can infect a PC?
 1. Installing licensed software on the computer
 2. Opening an email message
 3. Opening a file from a pen drive
 4. Copying a file from a disk to the hard drive
 5. Downloading a file from a trusted website
- 4) Which memory unit stores the permanent details of the motherboard (like manufacturer information and BIOS settings)?
 1. RAM (Random Access Memory)
 2. ROM (Read Only Memory)
 3. Hard Disk
 4. Cache Memory
 5. Register Memory
- 5) Which of the following is equivalent to 4GB of RAM?
 1. 2048KB
 2. 2^{10} MB
 3. 1024MB
 4. 2^{11} MB
 5. 4096MB

- 6) _____ feature of MS Word allows you to create letters customized to multiple recipients using the document template.
1. Word Art
 2. Mail Merge
 3. Page Layout
 4. Bookmark
 5. Superscript
- 7) Which communication medium transmits data through the reflection of a light beam?
1. UTP Cable
 2. Optical Fiber
 3. Coaxial Cable
 4. STP Cable
 5. Infrared (IR)
- 8) Which of the following is the latest technology used for computer displays?
1. LCD
 2. CRT Color
 3. CRT Monochrome
 4. Flat Screen
 5. LED
- 9) Which of the following provides the fastest data access for a CPU?
1. Hard Disk
 2. ROM
 3. Cache Memory
 4. Register Memory
 5. Main Memory
- 10) _____ is **NOT** an operating system.
1. Ubuntu
 2. Linux
 3. Firefox
 4. Windows
 5. Android
- 11) Which of the following is suitable for Sri Lanka's School Net program?
1. LAN (Local Area Network)
 2. MAN (Metropolitan Area Network)
 3. WAN (Wide Area Network)
 4. CAN (Campus Area Network)
 5. Bluetooth Network
- 12) Consider the following statements
- A - Register memory has less capacity than a hard disk
- B - Register memory has a lower access speed than a hard disk
- C - Register memory has a higher cost per bit compared to a hard disk
- Select the correct combination
1. A and B only
 2. A and C only
 3. B and C only
 4. All A, B and C
 5. None of the above.
- 13) What is the Octal Equivalent of $111,100,110,010_2$?
1. 7552_8
 2. 2667_8
 3. 2557_8
 4. 7462_8
 5. 5277_8
- 14) Which of the following helps to retrieve data from a website when the URL is unknown?
1. FTP (File Transfer Protocol)
 2. Search Engine
 3. Mail Server
 4. Domain Name Server
 5. Web Browser
- 15) Which of the following are basic functions of an operating system?
- A - Hardware management
- B - User interface
- C - Providing utilities such as word processors and spreadsheets
1. A and B only
 2. A and C only
 3. B and C only
 4. All A, B and C
 5. None of the above

- 16) What is the smallest unit used to measure an image on a computer display?
1. Cell
 2. Byte
 3. Bit
 4. Element
 5. Pixel
- 17) Identify the option that is **NOT** a possible social issue resulting from information technology?
1. Digital divide
 2. Reduced interpersonal relationships
 3. Cyberbullying
 4. People experiencing mental stress
 5. Reduced electronic waste
- 18) Select the pair that correctly lists an example each for **guided media** and **unguided media**, respectively.
1. Fiber Optics and Coaxial Cable
 2. Radio waves and UTP Cable
 3. Microwaves and STP Cable
 4. UTP cable and Radio waves.
 5. Fiber Optics and UTP Cable.
- 19) _____ is **NOT** a Database?
1. MySQL
 2. MS Access
 3. LibreOffice Base
 4. Google Sheet
 5. Oracle
- 20) Which of the following is **NOT** an optical storage medium for storing information?
1. CD
 2. Blu-ray Disk
 3. DVD
 4. USB flash drive
 5. VCD
- 21) _____ lists a **CLI (Command Line Interface)** based, and **GUI (Graphical User Interface)** based operating systems **respectively**
1. MS-DOS and Linux
 2. Linux and Windows
 3. Ubuntu and MS-DOS
 4. Ubuntu and Android
 5. Android and Windows
- 22) The ability to use computers in many different languages worldwide became possible due to _____.
1. Increase in internet usage.
 2. Introduction of modern computers.
 3. Introduction of Unicode
 4. Development of special computer networks.
 5. Introduction of new Software.
- 23) Saman has a PowerPoint presentation file of 10,256 bits. What is the **minimum capacity** of a USB flash drive to store it?
1. 256 bytes
 2. 512 bytes
 3. 1KB
 4. 1MB
 5. 1GB
- 24) GPS technology is widely used today to identify the location of an object. What does GPS stand for?
1. Going Places Sometimes
 2. Global Positioning Sterlite.
 3. Global Places System
 4. Global Positioning System
 5. Government Positioning Satellite.
- 25) What is the protocol which is used for sending email?
1. FTP
 2. SMTP
 3. IP
 4. HTTP
 5. ICMP

- 26) The truth table of a logic gate with inputs A and B and output K is given below. Which logic gate is represented by this truth table?

A	B	K
0	0	1
0	1	1
1	0	1
1	1	0

1. AND
2. OR
3. XOR
4. NOR
5. NAND

- 27) If $P = 21_8$ and $Q = 1111_2$, what is the value of $P + Q$?

1. 38_8
2. 32_4
3. 40_8
4. 10001_2
5. 11000_2

- 28) From the following activities, select the activity **least suitable** for computerization.

1. Managing student information in a school
2. Marking essay-type answer scripts in an examination
3. Managing transactions in accounts
4. Obtaining statistical data from marked answer scripts
5. Lending and returning books in a library

- 29) Which of the following icons is used in MS Word to represent the **Print Preview** function?

1. 
2. 
3. 
4. 
5. 

- 30) The World Wide Web (WWW) is a service provided through the Internet. Who is considered the father of the World Wide Web?

1. Joseph Jacquard
2. Ada Augusta
3. Charles Babbage
4. John Atanasoff
5. Tim Berners-Lee

- 31) The correct **IP address** is _____.

1. 172.10.9.200
2. 285.220.72.2
3. 172.220.280.5
4. 260.1.1.100
5. 295.2.5.22

- 32) The most appropriate operation to retrieve a list of students under the age of 18 from a student information database is _____.

1. Forms
2. Reports
3. Queries
4. Tables
5. Labels

- 33) **An organization's employees spend 2 hours planning, 5 hours performing tasks and 1 hour reviewing the outcome.** What is the most suitable chart type to represent this information?

1. Pie Chart
2. XY Scatter Chart
3. Line Chart
4. Bar Chart
5. Column Chart

- 34) Some of the tasks that can be performed using software are given below.
 A - Creating and working with tables
 B - Performing a Mail Merge
 C - Inserting an image
- Choose the task(s) that can be performed **only in MS Word**
1. A Only
 2. C Only
 3. B Only
 4. B and C Only
 5. A and C only
- 35) Which of the following is the correct term for malware disguised as useful computer software?
1. Timing Bomb
 2. Spams
 3. Worms
 4. Trojan horse
 5. Hackers
- 36) Which of the following can be considered as **information**?
1. The Price of a Pen
 2. Election Results
 3. Marks obtained in a Maths Paper
 4. Nimal's Age
 5. All the above can be considered as information
- 37) Which of the following option correctly lists storage devices in ascending order of capacity?
- | A Hard Disk | B Floppy Disk | C Pen Drives | D DVD |
|------------------|------------------|------------------|-------|
| 1. A , B , C , D | 3. B, D, C, A | 5. A , C , D , B | |
| 2. A , D , C , B | 4. C , A , D , B | | |
- 38) An electronic toy parrot could be activated using two buttons. It would speak when either one of two buttons, except both buttons are pressed. What is the corresponding logic gate for the above process?
1. OR Gate
 2. AND Gate
 3. NOR Gate
 4. XOR Gate
 5. NAND Gate
- 39) What feature in Excel keeps certain rows visible when you scroll down the sheet?
1. Freeze panes
 2. Split window
 3. Left margin
 4. Hide
 5. Margins
- 40) Which of the following is most appropriate to be used as the *primary key field* in a hospital patient database?
1. Patient's Age
 2. Patient's Admission Number
 3. Patient's Name
 4. Date of Admission
 5. Patient's Address

