

StART@OUSL Programme

CSE3213/CSE3110/CSE3150/CSE3151: ICT Skills

Final Examination

Model Question Paper 01

DURATION: TWO (02) HOURS ONLY

Date:

Time:

This question paper comprises of **Three Questions**.

Each question comprises of three parts: **Part A, Part B** and **Part C**.

- **Part A** contains 05 Multiple Choice Questions (MCQ). Each question has 05 answers. **Underline the most suitable answer in this question paper itself.**
- **Part B** contains 05 statements. State whether each of them is **TRUE** or **FALSE**. If **only** a statement is **FALSE**, give the reason in the space provided.
- **Part C** contains short answer questions. Write the answers in the space provided.

Answer **ALL** questions.

QUESTION 01

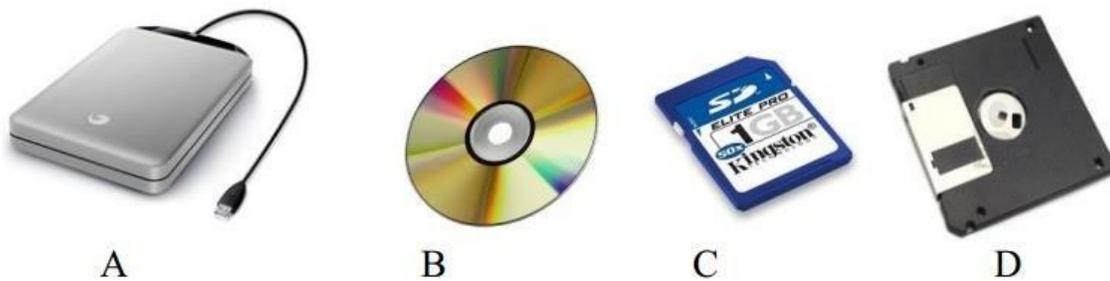
Part A

1. The only language which the Computer can understand is the
 - a) Assembly Language
 - b) Binary Language
 - c) BASIC
 - d) C Language
 - e) Java Language

2. Saving data and instructions to make them readily available is a function of the
 - a) Storage Unit
 - b) Cache
 - c) Input Unit
 - d) Output Unit
 - e) Control Unit

3. The 'Heart' of the processor, which performs many different operations, is called as the
 - a) Arithmetic & Logic Unit
 - b) Motherboard
 - c) Control Unit
 - d) Memory
 - e) Input Unit

4.are the raw material used as inputs and.....are the outputs after processing them.
- Data, Input
 - Instructions, Program
 - Data, Program
 - Program, Code
 - Data, Information
5. Name the devices in the order A, B, & C.



- Portable Hard Disk, DVD, Flash Memory Card, Floppy Disk
- Hard Disk, CV, Floppy Disk, Flash Memory Card
- Portable Hard Disk, Magnetic Tapes, Flash Memory Card, Floppy Disk
- Hard Disk, DVD, Flash Memory Card, Floppy Disk
- DVD, Flash Memory Card, Floppy Disk, Portable Hard Disk

Part B

1. Output units convert the data entered by the user into the computer understandable form.

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2. Computer hardware is a set of instructions that tells computer software what to do.

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3. The speed of the CPU is also known as the Clock Speed of the CPU.

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4. A memory card or flash memory card is a solid-state electronic flash memory data storage device.

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5. A mainframe computer may be used by multiple users and they are smaller in size.

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Part C

1. What is the difference between IT and ICT?
2. What are PDAs? Write the usage of them.
3. What is a Microprocessor? Describe the factors which affect the performance of it.
4. What are the four classifications of computers according to their size and data processing power?
5. State the difference between Volatile Memory and Non-Volatile Memory.
6. State the factors which affect the performance of computers.

QUESTION 02

Part A

1. What device from the following can most likely to be shared as a common resource in a Computer Network?
 - a) Printer
 - b) Speaker
 - c) Floppy Disk Drive
 - d) Keyboard
 - e) Mouse

2. Which device is necessary to obtain the Internet connectivity?
 - a) Joystick
 - b) Modem
 - c) CD Drive
 - d) NIC Card
 - e) Floppy Disk

3. Junk E-mail can also be called as,
 - a) Spam
 - b) Spoof
 - c) Sniffer script
 - d) Spool
 - e) Snoopy

4. Which one of the following is not a network device?
 - a) Router
 - b) Switch
 - c) CPU
 - d) Hub
 - e) Network interface Card

5. A.....is a computer software which can be used to view documents on the Internet.
 - a) Search Engine
 - b) Client
 - c) Server
 - d) Domain
 - e) Browser

Part B

1. A computer network is a combination of hardware & software that facilitates the sharing of information between computing devices.

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2. A byte in computer terminology means either 0 or 1.

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3. A diamond symbol (◊) represents a 'Process' in flowcharts.

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4. Post Office Protocol (POP3) servers are used to retrieve E-mail from remote server over a TCP/IP connection.

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5. CC: refers to Carbon Copy, where you send E-mails to a main person and include the E-mail addresses of many others.

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Part C

1. Why do we need to connect computers each other?
2. What is the purpose of having two buttons called as 'Reply' and 'Reply All' in E-mail?
3. What are the advantages of a POP3 server?
4. What are the differences between a hub and a switch?
5. What stands for HTTP and HTTPS?
6. Write two ICT Policy formulation bodies in Sri Lanka
7. How to find out a Virus/Malware present in your computer?

QUESTION 03

Part A

1. The following key uniquely identifies each record in MS Access 2016
 - a) Primary Key
 - b) Key Record
 - c) Unique Key
 - d) Field Name
 - e) Foreign Key
2. What is the suitable MS Access data type to represent the EMPLOYEE_SALARY in a table?
 - a) Text
 - b) Date/Time
 - c) Currency
 - d) Auto Number
 - e) Number
3. Which of the following Application Software are in the correct order with respect to .xls, .ppt, .doc, and .mdb file extensions?
 - a) MS Word, MS Excel, MS PowerPoint, MS Access
 - b) MS Excel, MS PowerPoint, MS Access, MS Outlook Express
 - c) MS Word, MS Excel, MS Access, MS PowerPoint
 - d) MS Excel, MS Access, MS PowerPoint, Paint
 - e) MS Excel, MS PowerPoint, MS Word, MS Access

4. Formulas in MS Excel start with

- a) %
- b) =
- c) +
- d) -
- e) /

5. 1 Nibble equals to,

- a) 8 bits
- b) 4 bits
- c) 2 bits
- d) 9 bits
- e) 16 bits

Part B

1. To get help using MS Word 2016, click the Help icon on the ribbon or press the F1 key.

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2. In MS Excel 2016, by default, numeric values appear Left aligned.

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3. Right-click means you move the mouse across a flat surface until the mouse pointer rests on the item of choice.

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4. Ctrl +Z is the shortcut key to 'Center Align' the selected text.

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5. In a Database Table, the category of information is called as a Tuple.

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Part C

1. What is meant by a Primary key?
2. What are the differences between an Online Word Processor and a Commercial Word Processor?
3. Briefly describe the purposes of the following components of the MS Windows 10 interface.
 - a) Start Menu
 - b) Task Bar
 - c) Notification area
4. What are the shortcut keys that can be used to perform the following activities?
 - a) Copy a selected text.
 - b) Cut a selected text.
 - c) Paste a selected text.
 - d) Save a document.

5. Use the following MS Excel sheet to answer part a) to part g) below.

Rotary School Mark Sheet							
Grade 07							
Name	Index_NO	Sub 1	Sub 2	Sub 3	Sub 4	SUM	AVG
G.K.Silva	001	23	71	27			
H.L.SADUNI	002	56	82	85	85		
DINUSHA SURENI	003	12	93	30	30		
G.U.HIRUNI	004	67	47	29	29		
Y.KUMARAGE	005	91	85	78	78		
KALYAN DE SILAV	006	95	69	93	93		
S.D.ASANTHI	007		28	27	85		
U.T.MARABAGE	008	34	71	85	30		
J.O.VIRAJI	009	27	27	30	29		
THAMASHA	010	85	85		78		
GANAGANI	011	30	30	78	93		
ASITHAGE	012	29	29	93	27		
GAMAGE	013	78	78	30	85		
W.K.L.DE SILA	014	93	93	29	30		
	MAXIMUM						
	MINIMUM						
	TOTAL SIT						

- What is the alignment in cell A3?
- Write a formula to calculate the total number of students who sat for *Sub 1* for the Cell C21.
- Write a formula to calculate the total marks (SUM) of the student in G4.
- Write a formula to calculate the Average Marks (AVG) of the student for H4.
- Write a formula to display the maximum marks for *Sub 2* in D19.
- Write a formula to display the maximum marks for *Sub 3* in E20.
- Write a formula to calculate the total marks of the student in G12

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