



“ඉගෙනීමට මුල් තැන”

TERM NOTE – 2017

GRADE 10

Information & Communication Technology

Provincial Department of Education North Central Province

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Index No.	Date	PERIOD	LESSON
1	01/04 - 01/08	3	Explains the nature of ICT Elaborates the uses of ICT in various fields of work
2	01/11 - 01/14	2	Describes various systems in day to day life Elaborates functions of an information system in terms of its main components.
3	01/18 - 01/20	2	Explains landmarks in the evolution of computers Discusses the enhancement in system characteristics with the evolution.
4	01/25 - 01/27	2	Describes various systems in day to day life
5	1-29	1	Monthly test - (January)
6	02/01 - 02/05	3	Identifies components of a computer system Describes functions of each components
7	02/08 - 02/10	2	Describes main physical components of a computer Describes functions of ports of a computer
8	02/15 - 02/16	1	Explains the functions of basic components. Explains the flow of signals in the computer system
9	02/17 - 02/23	3	Data communication Data transmission Computer Networks
10	02/25 - 02/29	2	Explains that data can be represented using two states Represents positive decimal integers in binary
11	03/01 - 03/03	2	Describes number systems with 8 and 16 as the bases Computes position values of the numbers converted in each system.
12	3-4	1	Monthly test (February)

13	03/07 - 03/11	4	Converts binary integers to decimals and vice versa
			Converts binary integers to octals and vice versa
			Converts binary integers to hexa decimal and vice versa
			Converts octal integers to hexa decimal and vice versa
14	03/14 - 03/16	2	Explains how different coding systems are used Explains limitations of each system
15	03/18 - 03/21	2	Explains the action of logic gates Draws truth tables for logic operations
16	03/23 - 03/24	2	Draws block diagrams of systems using Boolean logic Draws block diagrams to represent solutions to simple problems involving Boolean logic . Converts block diagrams into logic diagrams
17	03/28 - 04/08	1 ST TERM TEST	
2nd Term			
Index No.	Date	PERIOD	LESSON
18	04/25 - 04/27	2	Describes the need of an operating system Explains functions of an operating system Explains utilities of an operating system
19	04/28 - 05/02	4	Carries out following operations: creation, deletion, renaming, copying Organizes documents into folders according to needs
20	05/04 - 05/06	2	Discusses facilities of wordprocessing software Explores GUI of wordprocessing software
21	05/09 - 05/13	3	Creates new documents Opens existing documents Saves and closes documents
22	05/16 - 05/20	3	Applies suitable text formatting Manipulates graphics and draws simple shapes

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23	05/23 - 05/25	2	Creates tables to insert data Formats tables Edits tables
24	05/26 - 05/30	2	Checks spelling and grammar of a document Prints documents with necessary settings
25	05/31 - 06/02	3	Creates template document
			Creates data tables
			Merges data with template
26	06/07 - 06/10	2	Lists functions of an electronic spreadsheet Identifies features of GUI of spreadsheet software
27	06/11 - 06/15	2	Identifies components of a worksheet Enters and edits data
28	06/18 - 06/22	4	Carries out calculations using basic operators Uses cell references in calculations. Identifies functions and its parameters Uses basic built-in functions in calculations
29	06/27 - 06/29	2	Formats and aligns data in cells Sets decimal places according to requirements
30	07/04 - 07/08	2	Explains relative and absolute addressing modes Uses both modes
31	07/11 - 07/14	2	Identifies the relevant chart type Present data using suitable built in chart types
32	7-16		Revision
33	07/18 - 07/29		2 nd TERM TEST
3rd Term			
Index No.	Date	PERIOD	LESSON
34	08/31 - 09/05	3	Applies good practices in the use of presentation software Formats slide layout Inserts text, images, movies and sounds

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35	09/07 - 09/13	3	Applies suitable screen transitions Applies suitable animations on screen objects
36	09/15 - 09/16	2	Discusses nature and advantages of databases Explains the features of relational databases
37	09/18 - 09/21	4	Discusses nature and advantages of databases Explains the features of relational databases
38	09/26 - 09/28	2	Identifies the purpose of the database Select suitable fields to create data tables
39	09/29 09/30	2	Identifies the purpose of the database Select suitable fields to create
40	10-4		MONTHLY TEST
41	10/05 - 10/06	2	Designs simple relational databases manually Identifies primary and foreign keys
42	10/07 - 10/12	2	Creates databases using DBMS software Implements relationships
43	10/18 - 10/21	2	Design queries to meet given criteria Performs simple queries on the database
44	10/24 10/26	2	Creates reports for given purposes Prints reports
45	11/02 -11/11		Revision
46	11/15 - 11/18		Revision
46	11/21 - 12/02		3 rd TERM TEST