

Practice Examination 2020

Grade 10

Time two hours

1. Which of the following is incorrect?

- (1) The first generation computers were based on vacuum tubes.
- (2) Ada Lovelace is the first programmer of the world.
- (3) UNIVAC belongs to second generation of computers.
- (4) Joseph Jacquard introduced the punch card system.

2. Which of the following statement is true about data and information?

- (1) Processed data is always correct.
- (2) The accuracy of information depends on the input data.
- (3) There should be a lot of data to make a decision.
- (4) Processed information is reliable.

3. Which of the following is not an e government activity?

- (1) Payment of utility bills
- (2) Renewal of vehicle licenses
- (3) Online shopping
- (4) Downloading facility of circulars

5. Select the machine which was invented by Charles Babbage.

- (1). Mark I
- (2). Abacus
- (3). Analytical engine
- (4). Pascaline

6. Select the most suitable expression regarding a computer.

- (1). Computer is a machine that can process information.
- (2). Computer is an electronic device that can store, retrieve and process both qualitative and quantitative data quickly and accurately.

(3). Computer is an electronic device that can store, retrieve and quickly process only quantitative data.

(4). Computer is a machine that can store, retrieve and process quickly and accurately only qualitative information

7. A computer based information system is needed because

A The size of organization has become large and data is massive

B Timely decisions are to be taken based on available data

C Computers are available

D Difficult to get clerks to process data

(1). B and C

(2). A and B

(3). A and D

(4). C and D

08. Who invented the Adding Machine?

(i) Gottfried Wilhelm

(ii) Joseph Jacquard

(iii) Charles Babbage

(iv) Blaise Pascal

09. Howard Aiken invented the machine called,

(i) Automatic Sequence Control Calculator

(ii) a mechanical loom

(iii) Abacus

(iv) Pascaline

10. Not an attribute of information

(i) Accuracy

(ii) Size

(iii) Relevance

(iv) Timeliness

11. can be considered as Raw data.

(i) G.C.E. Advanced Level Examination Results

(ii) Z - Score of G.C.E. Advanced Level Examination Results

(iii) The Average Marks of students of G.C.E. Advanced Level classes.

(iv) Unlabeled Chart

12. According to the Question number 11, can be considered as information.

(i) Only i

(ii) Only i, ii and iii

(iii) Only ii, iii and iv

(iv) All of the above

13. Which of the following computerized medical equipment uses radio waves technology?

- (i) CT Scanner (ii) CAT Scanner (iii) MRI Scanner (iv) EEG Scanner

14. The instructions for starting the computer are housed on

- (i) CD ROM (ii) Read only Memory (iii) Random Access Memory (iv) All the above

15. What is the correct answer for a feature of a portable computer ?

- (i) Lightweight (ii) Small (iii) LCD screen (iv) All of the above

Part 11

01. (i) Describe what is Information and Data by giving an example.

(ii) Copy the following table to your answer sheet and fill in the blanks.

Generations	Technology Used
First Generation	
Second Generation	
Third Generation	
Fourth Generation	

02. Write short notes on 4 of the followings.

- a. Using ICT in field of health sector
- b. using ICT in field of education as specially LMS
- c. Social problems you faced by using computers.
- d. Computer is a learning tool.

03. Write down the following as standardization

- | | |
|----------|------------|
| 1. ATM | V1. ECG |
| 11. ICTA | VII. EEG |
| 111. LMS | VIII. CCTV |
| 1V. MRI | IX. CAD |
| V. CAT | X. G2E |

4. 1. Write three websites to develop education?

2. Give two advantages of e-learning.

