


SECTION A

Choose the **BEST ANSWER** then write the letter (**A, B, C, or D**) in the answer box.

1. *It refers to a set of computers connected together.*
- | | | |
|-----------------|-----------------|--------------------------|
| A) connectivity | B) node | <input type="checkbox"/> |
| C) network | D) organization | |
2. _____ *refers to the use of tools and resources to solve problems and extend human capabilities.*
- | | | |
|---------------|--------------|--------------------------|
| A) technology | B) tools | <input type="checkbox"/> |
| C) machinery | D) equipment | |
3. *Which of the following refers to the use of machines to do work that was once done by people?*
- | | | |
|------------------|--------------------|--------------------------|
| A) mechanization | B) miniaturization | <input type="checkbox"/> |
| C) automation | D) production | |
4. *Listed below are products of technology which make use of microchips except ONE.*
- | | | |
|------------------------|-------------------|--------------------------|
| A) computer | B) television | <input type="checkbox"/> |
| C) manual tuning radio | D) digital camera | |
5. *What do you call a computer network situated within a building?*
- | | | |
|------------------------------|--------------------------|--------------------------|
| A) Wide Area Network | B) Local Area Network | <input type="checkbox"/> |
| C) Metropolitan Area Network | D) Personal Area Network | |
6. *Which object/device does not cause 'electronic interference'?*
- | | | |
|-----------------|----------------------|--------------------------|
| A) scanner | B) a tv set | <input type="checkbox"/> |
| B) mobile phone | D) plastic container | |
7. *Listed below are products which contain CFC except one.*
- | | | |
|---------------|-------------------|--------------------------|
| A) hair spray | B) air fresheners | <input type="checkbox"/> |
| C) perfumes | D) detergent soap | |
8. *What does **Modem** stand for?*
- | | | |
|--------------------------|-------------------------|--------------------------|
| A) Modify-Demodify | B) Mobile-Demonstration | <input type="checkbox"/> |
| C) Modulator-Demodulator | D) None of the above | |
9. *What does the  symbol mean?*
- | | | |
|------------|------------|--------------------------|
| A) recycle | B) process | <input type="checkbox"/> |
| C) use | D) chain | |
10. _____ *refers to electro-mechanical device.*
- | | | |
|-----------------|-------------------|--------------------------|
| A) Electric fan | B) Pendulum clock | <input type="checkbox"/> |
| C) Windmill | D) Robot | |

SECTION B

Answer ALL questions in this section.

1. List down **two (2)** benefits of automation.

- i) _____
 - ii) _____
- (2)

2. What do you understand by the following terms below?

- i) **Electronic interference:** _____

 - ii) **Robotics:** _____

- (2)

3. List down **two (2)** types of robot.

- i) _____
 - ii) _____
- (2)

4. What do the **acronyms** below stand for?

- i) CFC: _____
 - ii) WAN: _____
- (2)

5. List down **two (2)** appliances with microchips.

- i) _____
 - ii) _____
- (2)

SECTION C

Answer all questions in this section.

1. The one thing that has had the greatest impact on our lives in modern time is the computer. This has ensured that people use this technology either at their place of work or at home. The duration of work time one spends in front of the computer is also rising. Thus with rampant and excessive use of computers we are now entering into a new era of computer related health problems and also its environmental issues.

a) State **three (3)** health risks that are associated with using ICT.

- i) _____
ii) _____
iii) _____

(3)

b) List down **two (2)** ways precautions while using computers.

- i) _____
ii) _____

(2)

c) What do you understand by the term '**ergonomics**'?

(1)

d) List down **two (2)** ways to ensure that you work safely and comfortably.

- i) _____
ii) _____

(2)

e) Computers are now considered unfriendly to environment. State **two (2)** negative effects of computers to the environment.

- i) _____
ii) _____

(2)