

# STUDENT PROGRESS EXAM

## YEAR 8


TOPIC: ENVIRONMENTAL and HEALTH ISSUES

### SECTION A

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

1. Which one of the following devices may cause electronic interference?

- A. Printer
- B. Monitor
- C. Calculator
- D. Walkie-talkie

2.  You sometimes see this symbol on paper bags, books and packaging materials. What do you call this symbol?

- A. Repair
- B. Reduce
- C. Recycle
- D. Recover

3. \_\_\_\_\_ means using the used materials again in one way or another.

- A. Recycle
- B. Reduce
- C. Renovate
- D. Repair

4. Which one of the following is **not** a health problem caused by using computer for a long period of time?

A. backache.

B. eye strain.

C. hypertension.

D. wrist or hand injury.

5. What is the chemical used to clean computer chips and known to destroy the ozone layer?

A. Cfc

B. Carbon dioxide

C. Dettol

D. Silicon

6. What is the object that is used to cover the monitor screen to reduce eye strain?

A. CRT

B. Metal box

C. Dust cover

D. Anti-glare filter

7. Repairing is necessary as it helps to \_\_\_\_\_.

A. limit waste materials.

B. conserve the natural resources.

C. reduce unnecessary dumping of waste.

D. all of the above.

8. Which one of the following statement is **not** correct?

A. Plastic objects can cause interference.

B. A computer screen must not face a window.

C. Computers use up a lot of paper which means more trees need to be cut down.

D. A lot of toxic waste is produced during the manufacturing of electronic chips.

9. Which one of the following **cannot** be recycled?

- A. Ink
- B. Metal
- C. Paper
- D. Plastic

10. Which one of the following is environmentally friendly to recycle?

- A. Paper
- B. Metal
- C. Plastic
- D. Chemical

[10]

<b>TOTAL MARKS</b>	
--------------------	--

## SECTION B

**ANSWER ALL THE QUESTIONS.**

1. Electronic and electrical devices when put close to each other may interfere with each other. Give **two** examples of devices that may cause electronic interference.

[2]

- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_

2. Write **three** health problems that may occur due to long hours of using computers.

[3]

- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_
- (iii) \_\_\_\_\_

3. Staring at a computer screen for long periods of time can injure the eyes. List **three** ways on how to reduce eye strain. [3]

- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_
- (iii) \_\_\_\_\_

4. CFC is used for cleaning some computer parts. What does CFC stands for? [1]

\_\_\_\_\_

5. Give **two** things that can be recycled. [2]

- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_

[11]

<b>TOTAL MARKS</b>	
--------------------	--

## SECTION C

### STRUCTURED QUESTION

ANSWER ALL THE QUESTIONS.

1. Health hazards and environmental pollution are often associated with the use and misuse of computer technology.

A. We can help raise public awareness about protecting our environment through the 4R's. Briefly explain the following terms given below.

[2 marks each]

(i) Reduce: \_\_\_\_\_  
\_\_\_\_\_

(ii) Recycle: \_\_\_\_\_  
\_\_\_\_\_

(iii) Reuse: \_\_\_\_\_  
\_\_\_\_\_

(iv) Repair: \_\_\_\_\_  
\_\_\_\_\_

B. Producing computers are now considered to be unfriendly to our environment. Give **three** examples of pollutions problems that caused by producing computers. [2 marks each]

(i) \_\_\_\_\_

\_\_\_\_\_

(ii) \_\_\_\_\_

\_\_\_\_\_

(iii) \_\_\_\_\_

\_\_\_\_\_

[6]

C. As usage of computers can cause health problems, users must take some precautions while using computers. List two health problems and one precaution for each kind of problem. [4]

\_\_\_\_\_

Precaution 1: \_\_\_\_\_

\_\_\_\_\_

i. Problem 2: \_\_\_\_\_

\_\_\_\_\_

Precaution 2: \_\_\_\_\_

\_\_\_\_\_

[18]

<b>TOTAL MARKS</b>	
--------------------	--

