



WORKSHEET NO: 13

LESSON PLAN

Subject: Applied Technology	Year/Level: 13
Final lesson	Date: 23/08/21
Topic: Refrigeration	

Lesson notes

After completing this strand students will be able to know the use of refrigeration

Refrigeration

Refrigeration is a process of moving heat from one location to another in controlled conditions. The work of heat transport is traditionally driven by mechanical work, but can also be driven by heat, magnetism, electricity, laser, or other means. Refrigeration has many applications, including, but not limited to: household refrigerators, industrial freezers, cryogenics, and air



REVIEW QUESTIONS

1. Sketch a vapour compression cycle.

2. Discuss the following:

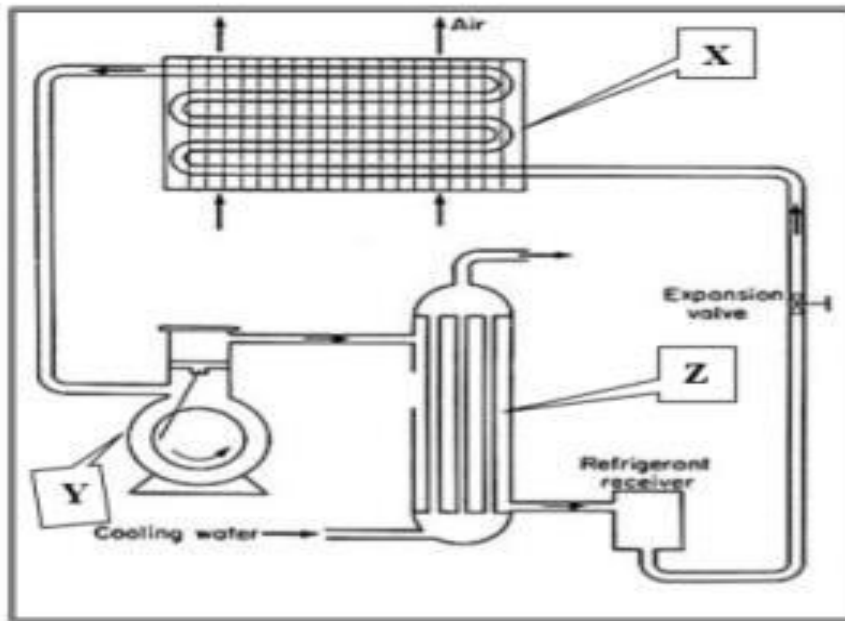
- a. Gas cycle

- b. Thermoelectric refrigeration

3. Define air condition?

4. Explain the refrigeration cycle in air condition

(a) Study the diagram below and answer the following questions that follow.



(i) Name the parts labelled X and Y.

(ii) Explain the function of the part labelled Z.

(iii) Differentiate between cyclic and non-cyclic refrigeration.

Use textbook for reference.....

