THE ABC OF ARP 2: Blackout – ANSWERS

View the film *The ABC of ARP 2: Blackout* before beginning these activities. You may find it helpful to watch some parts of the film again as you fill in the answers. This film explains procedures for blacking out the home including windows, lights and ventilation, how to make a blackout torch, how to make cars and bicycles comply with blackout regulations and appropriate clothing to wear at night during the blackout.

1. **Finding out about blackouts** – Answer the questions in the spaces provided:

   a) **What is a blackout?** *The prevention of light escaping from a building or home through the use of various methods or devices, e.g. blackout curtains.*

   b) **Why is it necessary to blackout homes in a war situation?** *The light from houses can easily be seen from an aircraft. If houses and buildings are not blacked out it makes it easy for the enemy to locate a bomb target with accuracy.*

2. **Preparing the home for blackout conditions** – Answer the questions in the spaces provided:

   Explain what to do to prepare any 4 of the following elements of your home for a blackout. You can use diagrams drawn on a separate sheet of paper to help explain your answers if you wish.

   - **Outside lights** should be removed to prevent them being turned on by accident.
   - **Fan lights** should be covered with blackout paper or cloth.
   - **Lights near doorways** should be covered with black paper so that when the door is opened, the light will show a downward beam rather than shine out into the street.
   - **Windows** should be covered in blackout paper, blackout curtains or with easily removed wooden blackout frames.
   - **Ventilators near the ceiling** should be covered in a box with the bottom side left open to allow air to enter the house.
   - **Ventilators for windows** are made by closing windows to ¾. The open section can be covered with a box that is open at the bottom and at the part facing the open section of the window.
   - **To prevent unnecessary accidents** front steps should have a white line along the edge that can be easily seen in the dark.

3. **Making a blackout torch**

   - **Remove the cover**
   - **Take out the reflector or paint it black** (with a washable paint)
   - **Place a round piece of tissue paper behind the glass (plastic) cover**
   - **Make a mask with a 10 cent hole in it and place behind the tissue**
   - **Reassemble the torch**
   - **A blackout torch gives you sufficient light to guide your movements without creating a wide, easily sighted beam.**