

## REVIEW 6

Answer the following questions without referring to the material just presented. Begin the next section when you are confident that you understand what you've already read.

1. The four modes of detection are:

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2. If the photoelectric sensor control generates an output when the photodetector does not see light, the control is working in the dark operate mode.

TRUE    FALSE

Match the mode of detection with its definition.

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|--|-----------------------|
| 3. Mode of detection that can pick up shiny objects. ____  | A. Reflex             |
| 4. Sensing mode that has the longest range. ____   | B. Perfect Prox       |
| 5. Sensing mode that combines extremely high sensing power with a sharp optical cut-off. ____  | C. Thru-Beam          |
| 6. A polarizing filter used with this sensing mode ensures that only the light reflected by a retroreflector is recognized by the sensor. ____ | D. Diffuse Reflective |