

- 1. Provide a suitable definition for a system.
- 2. Using the definition suggested in (i) above, show that a refrigerator is a system.
- 3. State whether the refrigerator is an open system or a close system. Justify your answer.
- 4. State whether the following requirements of a motor car are functional.
 - 1.) Proper functionality of break system of a car.
 - 2.) The car should not emit harmful gases to the environment.