

- 19 When the water in a pond freezes, it changes from a liquid to a solid. When this occurs, it changes volume and exchanges energy with the surroundings.

Which row is correct?

| | change of volume | energy exchange |
|---|------------------|---------------------------------------|
| A | contracts | gives out energy to the surroundings |
| B | contracts | takes in energy from the surroundings |
| C | expands | gives out energy to the surroundings |
| D | expands | takes in energy from the surroundings |

- 20 Which process does not require energy to be supplied?