

Use separate answer book to answer following questions

Discuss following applications of mineral with reference to its crystal structure.

- Diamond – used as a cutting tool
- Sulfur – used as a cathode material in lithium-sulphur battery
- Tourmaline – used as a component of high pressure gauges
- Garnet granules - used as a filter media in water filter

(50 mark)

Discuss with examples “the effect of impurities on the colour of minerals”.

(50 mark)

