

19. A student makes the following statements about conductors, insulators and semiconductors.

- I In conductors, the conduction band is completely filled with electrons.
- II In insulators, the gap between the valence band and the conduction band is large.
- III In semiconductors, increasing the temperature increases the conductivity.

Which of these statements is/are correct?

- A I only
- B II only
- C III only
- D I and II only
- E II and III only