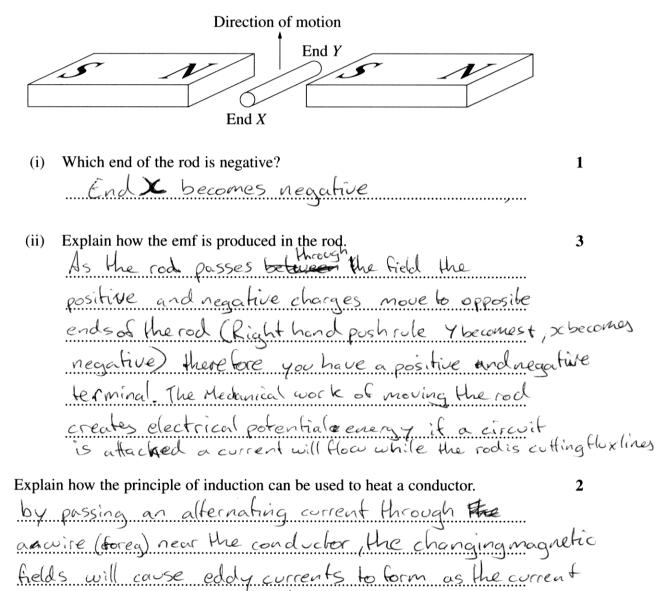
Question 23 (7 marks)

F=quB

(c)

- (a) State Lenz's law. ductor/coil 1 that a conductor/coil 1 that a conductor/coil 1 produce a current that opposes the force that induced it
- (b) When the metal rod is moved upwards through the magnetic field as shown in the diagram, an emf is induced between the two ends.



passes back and forth the energy will be dissipated by gheat energy

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Marks