

BASIC SCIENCE HOLIDAY ASSIGNMENT FOR JSS 2

1. Differentiate between these two types of energy (Mechanical energy)
 - i. Kinetic energy
 - ii. Potential energy
2. Calculate the kinetic energy of a body of mass 80kg running with an average speed of 20m/s
3. A man's mass is 20 kg and moving with constant velocity. If the kinetic energy is 2000j. find the velocity of the man.
4. What is heat flow?
 - b. List the three modes of heat transfer and explain them.
5. Differentiate between these terms
 - i. Work
 - ii. Energy
 - iii. Power