



SNS College of Technology

(An Autonomous Institution)

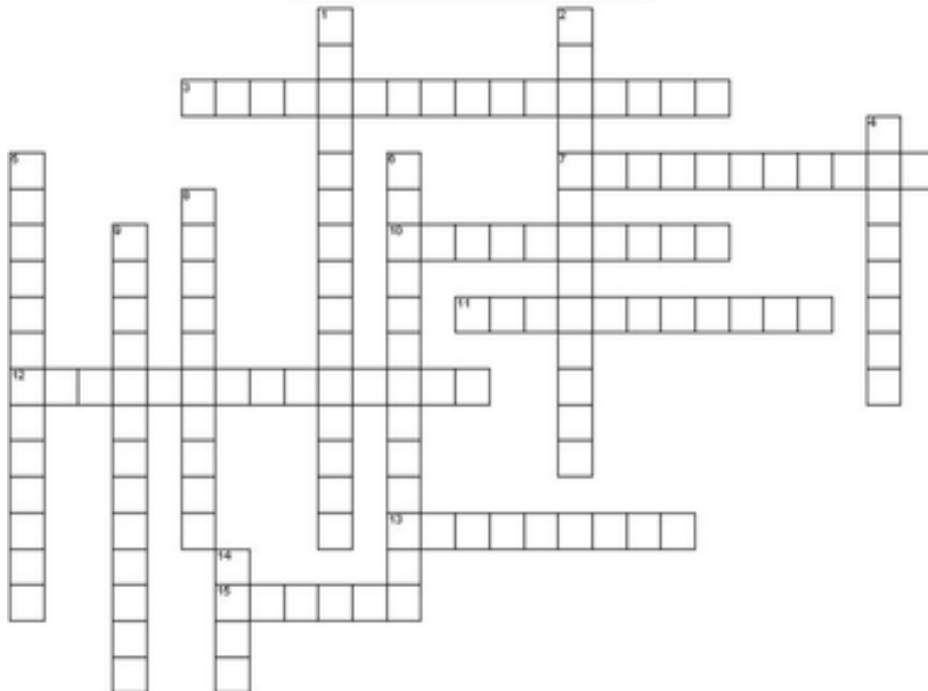
19ASE304/ Heat Transfer

Unit - 4



Name: _____

Forms of Energy



ACROSS

- 3 The energy carried by moving electrons
- 7 The average kinetic energy of particles in an object
- 10 Circular motion when warm material rises, cools, and sinks
- 11 Energy from the vibrations of an object
- 12 The energy stored in the bonds of atoms and molecules
- 13 Electromagnetic waves that carry energy
- 15 The ability to do work

DOWN

- 1 Stored energy or energy at rest
- 2 The energy of motion
- 4 The force that resists the movement of objects
- 5 The energy stored in something stretched or squashed
- 6 The energy stored in the nuclei of atoms
- 8 Heat transferred by direct conduct of solids
- 9 The energy that comes from heat
- 14 Energy transferred between objects

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