**Year 8 Physics 1 Topic Test Answer Sheet Name: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Section 1: Multiple Choice**

**Answer section**

Circle your answer in the section below:

1. A B C D 16. A B C D
2. A B C D 17. A B C D
3. A B C D 18. A B C D
4. A B C D 19. A B C D
5. A B C D 20. A B C D
6. A B C D 21. A B C D
7. A B C D 22. A B C D
8. A B C D 23. A B C D
9. A B C D 24. A B C D
10. A B C D 25. A B C D
11. A B C D
12. A B C D
13. A B C D
14. A B C D
15. A B C D

Total for M/C: \_\_\_\_\_ / 25 marks

**SECTION 2: WRITTEN**

**Write your answers in the spaces provided.**

1. a) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

d) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

e) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(1 mark each: \_\_\_\_ 5 marks)

**2.** a) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ f) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ g) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ h) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

d) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ i) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

e) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(1 mark each: \_\_\_\_ / 9 marks)

1. **Problem 1:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(1 mark: \_\_\_\_ / 1 mark)

1. **Answer: \_\_\_\_\_**  ( \_\_\_\_ / 2 marks)

Area for working out:

1. Energy flow diagram

( \_\_\_\_ / 4 marks)

1. Heat Transfer

|  |  |  |
| --- | --- | --- |
| Type of heat transfer | Explanation (1 mark each) | How well it occurs in solids, liquids, gas and space (2 marks each) |
| Conduction |  |  |
| Convection |  |  |
| Radiation |  |  |

( \_\_\_\_ / 9 marks)

**END OF TEST**

**Multiple Choice: \_\_\_ /25**

**Written: \_\_\_ /30**

**TEST TOTAL: \_\_\_ /55**