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| **ministry of education, vocational training & EARLY childhood education Chama Day Secondary School Natural Sciences Department** |
| **JUNIOR SCIENCE JUNIOR QUIZ TERM 3 - 2013** |
| **GRADE 8 ENVIRONMENTAL SCIENCE QUIZ** |
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| **Eng F. Chomba** |
| **11/22/2013** |



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| Junior Quiz is intended to be administered frequently to the learners to equip them with a variety of problem-solving techniques faster and efficiently. |

1. On a cold day, a Grade 8 boy pupil keeps himself warm near the fire. By what mode of heat transfer is the heat from the fire reaching the boy.
2. **Answer:**
3. What is a vacuum?
4. **Answer:**
5. Water has a small range in terms of freezing and boiling point. At what temperatures does water freeze and boil?
6. **Answer:**
7. Give the name of the liquid found in most thermometers.
8. **Answer:**
9. Define temperature.
10. **Answer:**
11. What is the main insulator in the thermos flask and how does it reduce heat loss?
12. **Answer:**
13. Give the function of the cloaca in a bird.
14. **Answer:**
15. What would be the effect of replacing the cork stopper in a thermos flask with a metallic lid?
16. **Answer:**
17. Apart from the vacuum flask, give ***two (2)*** other kitchen utensils, which work on the same principle of reducing, heat loss or heat gain.
18. **Answer: food warmers and serving pots.**

(a) Most kinds of objects……………when they are heated.

(b) ………………helps to circulate warm air in heated buildings during

cold weather.

(c) A pot on a brazier heats by………….

(d) An ……………….is a material that does not conduct heat well.

(e) Heat from the sun is a form of …………….

1. 2. Write the letter of your choice for the best answer forcold ri