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BIOLOGY

ITEM

“During the recent press conference, the minister for health, stated that; in every population of organisms, **1.37%** of the organisms are affected by symptoms of infections caused by group **R** of organisms. The organisms are very tiny that can not be seen using a light microscope, they either contain **RNA or DNA** but not both, and they can not reproduce when outside a living tissue” say a teacher.

On posing tasks to his students, Naome was not able to respond to any. She has approached you for help. The tasks were as follows;

TASKS

As a biology student,

- a) Identify group **R** of the organisms as mentioned above
- b) State any specific symptoms of any 2 identified infections in;
 - i) Humans
 - ii) Plants
- c) Describe any ways the infections mentioned above in humans may spread in a population.
- d) Describe a general medical method that can be used to control the spread of such infections.
- e) Explain the significance of prevention of such infections in a community.