KENYA NATIONAL EXAMINATION AND ASSESSMENT PREDICTION SERIES

ENDTERM 2 ASSESSMENT 2025

GRADE 7

INTEGRATED SCIENCE PAPER 1

MARKING SCHEME

SECTION A.

1. **D. 7**
   - δ **Explanation:** In the female reproductive system, the **ovary** is the organ responsible for the production and release of ova (eggs).
2. **A. (i) and (ii)**
   - δ **Explanation:** Integrated Science focuses on connecting different scientific disciplines.

     (i) Understand the interactions between different scientific fields: This is a core purpose of integrated science, showing how biology, chemistry, and physics are interconnected.

     (ii) Develop critical thinking and problem-solving skills for real-world issues: By understanding these connections, learners can apply scientific principles to solve complex, interdisciplinary problems.

     (iii) Becoming experts in one specific scientific discipline is more typical of specialized science courses, not integrated science.

     (iv) Memorizing facts without understanding application is rote learning and not a desired outcome of any science education, especially integrated science which emphasizes application.

3. **C. R.**
   - δ **Explanation:** In the human urinary system diagram:

     P is the Kidney (filters blood).

     Q is the Ureter (tube carrying urine from kidney to bladder).

     R is the Bladder, which is a muscular sac that temporarily stores urine before it is excreted.

     S is the Urethra (tube through which urine leaves the body).

4. **C. Burns from a hot plate.**
   - δ **Explanation:** This question asks for an accident specifically due to *improper use of equipment*.

     A. Falling due to a wet floor is a general lab accident, not directly from equipment use.