

SUVA SANGAM COLLEGE

YEAR 12

BIOLOGY

WORKSHEET 9

1. Toads are adapted to both, life on land and in water.
 - (i) Describe the type of circulatory system used in toads.
 - (ii) How is the type of circulatory system stated in (i) above suitable to the environment where the toad lives?
 - (iii) In what way is the circulatory system of the toad different from that of a fish?

2. Liver and kidneys play an important role in excretion and osmoregulation.
 - (i) Explain **one** difference between excretion and osmoregulation.
 - (ii) State an advantage of excreting uric acid crystals over excreting urea.

3. Identify the major disadvantage that fish would face if it instead of excreting ammonia, it converted and excreted urea.