

**Online Module Exam
Biochemistry Paper
SEQs**

Time allowed: 30 Minutes

1. Discuss transamination and deamination. Explain each with an example.
2. Discuss the transport of ammonia from muscle to the liver up to the entry in the urea cycle.
3. Where does Urea cycle start? Draw urea cycle with all the enzymes involved in each step.
4. What are Branched chain amino acids? Discuss the disorders associated with Branched chain amino acid metabolism.
5. Discuss in Phenylketonuria along with diagnostic criteria and treatment.
6. A man comes to OPD and complains that his urine turns black after sometime when kept in open. Can you tell that:
 - a) What is your diagnosis?
 - b) What may be the cause?
 - c) What can be the treatment?
 - d) Is it life threatening?