

**Class test on Thermoregulation and Osmoregulation, Sem – IV, Zoology Hons., 2nd Year; Mugberia
Gangadhar Mahavidyalaya**

9 F.M.- 30, Time 1hr.

Write Short questions: (any five)

5X2= 10

1. What is hyperthermia?
2. Distinguish between ectothermic and endothermic animals with example.
3. Write normal body temperature of human (both in Celsius and Fahrenheit scale).
4. Distinguish between osmoregulators and osmoconformers.
5. What is chloride cell? Mention its function.
6. What are the important osmoregulatory structures found in vertebrates?
7. Differentiate euryhaline and stenohaline fish.

Write broad questions:

1. A) Describe the osmoregulation in Catadromous fish. B) Mention different process of heat production and heat loss in human. C) What are salt glands? Mention its location and function? 4+4+2= 10
2. a) What are osmoregulatory strategies followed by fresh water teleosts and marine animals? B) How does acclimatization of heat takes place? C) What type of strategy followed by camel or desert animals in relation to thermoregulation? D) Differentiate salting in and salting out mechanisms.

4+2+2+2= 10