



**THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED**

**Q.1. Answer the following short questions:**

**(15x2=30)**

- i. Write down classification of Man?**
- ii. What is Gonionemus medusa?**
- iii. What is medreporite?**
- iv. Differentiate between trophozoites and merozoites?**
- v. Differentiate between ametabolous metamorphosis and Paurometabolous metamorphosis?**
- vi. Differentiate between prothorax, mesothorax and metathorax?**
- vii. Differentiate between peristomimum and prostomium?**
- viii. What is clitellum?**
- ix. What are book lungs?**
- x. What is Tympanal organs?**
- xi. What is compound eye and role of ommatidia in it?**
- xii. Why class crinoidea is called so?**
- xiii. What is Aristotle's lantern in echinoderms?**
- xiv. What are Tube feet and how it work?**
- xv. What are ink glands?**

**Answer the following questions.**

**(3x10=30)**

**Q.2 Differentiate between protostomes and deuterostomes?**

**Q.3 Describe the classification of Protozoa up to class level?**

**Q.4 Discuss in detail water vascular system in Echinodermata?**