

## Quadrant II – Transcript and Related Materials

**Programme: Bachelor of Science (First Year)**

**Subject: Zoology**

**Course Code: ZOC 101**

**Course Title: Diversity of Non-chordates and Cell biology**

**Unit: 06- Phylum Annelida**

**Module Name: Metamerism in Annelida**

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### **Glossary of terms/words:**

**Bilateral:** a type of arrangement of the parts and organs of an animal in which the body can be divided into two halves.

**Heteronomous metamerism:** the condition where metameres have grouped together to perform similar tasks.

**Homonomous metamerism:** a strict serial succession of metameres.

**Hydrostatic skeleton:** a skeleton formed by a fluid-filled compartment within the body, called the coelom.

**Mesoderm:** the middle of the three germ layers, or masses of cells (lying between the ectoderm and endoderm), which appears early in the development of an animal embryo.

**Metamere:** the longitudinal series of segments or parts into which the body of certain animals is divided.

**Metamerism:** an architectural body plan in some animals in which the similar body segments called metameres or somites are serially repeated one after another.

**Prostomium:** the prostomium is the most anterior pre-segmental part of the body to the mouth, which may or may not be retractile and often bears antennae, eyes, tentacles, and palps.

**Pygidium:** the terminal part or hind segment of the body in certain invertebrates.

**Segmentation:** the condition of being constructed of a linear series of repeating parts.