

Class : XI<sup>th</sup>  
Date :

Subject : BIOLOGY  
DPP No. : 1

## Topic :- Structural Organisation in Animals

- Which of the following part of the alimentary canal of cockroaches is used for storing food?  
a) Crop                                      b) Gastric caecae                                      c) Gizzard                                      d) Oesophagus
- In earthworm, pharyngeal nephridia are present as three paired tufts in the segments  
a) 3rd, 4th and 5th                                      b) 4th, 5th and 6th                                      c) 5th, 6th and 7th                                      d) 6th, 7th and 8<sup>th</sup>
- ..... type of junction is found in the epithelium and other tissues. Fill up the blank by using a suitable word  
a) Two                                      b) Three                                      c) One                                      d) Four
- Which of the following is a sense organ pair in cockroach?  
a) Antennae and eyes  
b) Maxillary palp and labial palps  
c) Antennae and anal cerci  
d) All of the above
- Which one is an iron storage protein?  
a) Myosin                                      b) Glutelin                                      c) Ferritin                                      d) Immunoglobulin
- WBC<sub>s</sub> accumulate at site of wound by  
a) Hypertension                                      b) Arteriosclerosis                                      c) Haemopoiesis                                      d) Diapedesis
- Cells of areolar tissues that produces or secrete fibres are called  
a) Fibroblast                                      b) Mast cells                                      c) Macrophage                                      d) Adipocytes
- Hypopharynx of the cockroach acts as  
a) Mouth                                      b) Lips                                      c) Tongue                                      d) Jaws
- The frogs have the ability to change its colour to hide them from their enemies. This protective colouration is called  
a) Hibernation                                      b) Aestivation                                      c) Mimicry                                      d) Camouflage
- Agranulocytes are  
a) Lymphocytes and monocytes                                      b) Eosinophils and basophils  
c) Lymphocytes and eosinophils                                      d) Basophils and monocytes

11. Which of the following is not a function of epithelium?  
a) Protection  
b) Connection  
c) Secretion or excretion  
d) Adsorption
12. In cockroaches, stink gland is found in  
a) 4th and 5th terga  
b) 5th and 6th terga  
c) 5th and 6th sterna  
d) 4th and 5th sterna
13. Animal tissues are categorised into four basic types on the basis of  
a) Function and origin  
b) Structure and functions  
c) Functions only  
d) Origin and structures
14. The number of vasa efferentia that arises from testes in frog's male reproductive system is  
a) 9 – 12  
b) 10 – 12  
c) 13 – 16  
d) 16 – 19
15. The multilobed nucleus and granular WBCs are  
a) Eosinophils  
b) Neutrophils  
c) Lymphocytes  
d) Monocytes
16. Which of the following is not correctly matched?  
a) Cartilage – Limbs and hands in adults  
b) Blood – Fluid connective tissue  
c) Tendons – Connects bone to bone  
d) Adipose tissue – Blubber of whales
17. Red cell count is carried out by  
a) Haemocytometer  
b) Haemoglobinometer  
c) Sphygmomanometer  
d) Electrocardiogram
18. Which of the following are the examples of saccular glands?  
a) Oil and milk glands of humans  
b) Sweat gland in mammals  
c) Brunner's gland in humans  
d) None of the above
19. Tendons helps in connecting  
a) Muscles to bones  
b) Bone to bone  
c) Bone of cartilage  
d) Cartilage to muscle
20. The leucocytes contain, which of the following in large quantity?  
a) Basophils  
b) Neutrophils  
c) Eosinophils  
d) Monocytes