

# QB365 Question Bank Software Study Materials

## Structural Organisation of Animals 50 Important 1 Marks Questions With Answers (Book Back and Creative)

10th Standard

Science

Total Marks : 50

### Multiple Choice Question

50 x 1 = 50

- 1) In leech locomotion is performed by  
**(a) Anterior sucker** (b) Parapodia (c) Setae (d) Contraction and relaxation of muscles
- 2) The segments of leech are known as  
**(a) Metameres (somites)** (b) Proglottids (c) Strobila (d) All the above
- 3) Pharyngeal ganglion in leech is a part of  
(a) Excretory system **(b) Nervous system** (c) Reproductive system (d) Respiratory system
- 4) The brain of leech lies above the  
(a) Mouth (b) Buccal Cavity **(c) Pharynx** (d) Crop
- 5) The body of leech has  
(a) 23 segments **(b) 33 segments** (c) 38 segments (d) 30 segments
- 6) Mammals are \_\_\_\_\_ animals.  
(a) Cold blooded **(b) Warm blooded** (c) Poikilothermic (d) All the above
- 7) The animals which give birth to young ones are  
(a) Oviparous **(b) Viviparous** (c) Ovoviviparous (d) All the above
- 8) In leeches sperms are stored in  
**(a) epididymis** (b) vas deferens (c) testis (d) ejaculatory duct
- 9) The ovaries of leech lies in the \_\_\_\_\_ segment.  
(a) 10<sup>th</sup> **(b) 11<sup>th</sup>** (c) 13<sup>th</sup> (d) 15<sup>th</sup>
- 10) The number of cranial and spinal nerves in rabbit are\_\_\_\_\_ respectively  
(a) 11 and 36 **(b) 12 and 37** (c) 12 and 36 (d) 10 and 37
- 11) The urinogenital canal of female rabbit is formed by union of\_\_\_\_\_  
(a) urethra and vagina (b) urinary bladder and urethra (c) cowper's gland and urinary bladder  
**(d) urinary bladder and vagina**
- 12) The\_\_\_\_\_ glands are modified glands of the skin  
(a) perineal **(b) mammary** (c) gastric (d) salivary
- 13) Leeches may grow to a length of\_\_\_\_\_  
**(a) 35 cm** (b) 45 cm (c) 25 cm (d) 20 cm
- 14) The third Ventricle in brain of Rabbit lives in\_\_\_\_\_  
(a) cerebrum (b) cerebellum **(c) diencephalon** (d) medulla

- (a) Cerebrum (b) Cerebellum (c) **encephalon** (d) medulla
- 15) Body is segmented in  
**(a) Coelenterate** (b) Annelida (c) Porifera (d) Mollusca
- 16) Leech is  
(a) Carnivorous (b) Sanguivorous **(c) Ectoparasite** (d) Both (b) and (c)
- 17) Asuctorial mouth is present in:  
**(a) Tapeworm** (b) Leech (c) Roundworm (d) Earthworm
- 18) Suckers of leech are located at:  
(a) Anterior and posterior ends of the body (b) Anterior end of the body **(c) Posterior end of the body**  
(d) All over the body
- 19) Which one of the following is present in saliva of leech:  
(a) Hirudin (b) Hirudin **(c) Heparin** (d) Haemoglobin
- 20) Leech secretes which of the following anticoagulant?  
**(a) Hirudin** (b) Heparin (c) Serotonin (d) Histamine
- 21) In leech, hirudin is secreted by:  
(a) Crop (b) Pharynx **(c) Haemocoel** (d) Salivary glands
- 22) Leech obtains continuous bloodstream from its victim by poring in it:  
(a) Pepsin (b) Heparin **(c) Insulin** (d) Hirudin
- 23) The botryoidal tissue of leech is a/an:  
(a) Epithelial tissue **(b) Mesodermal tissue** (c) Connective tissue (d) Mesenchymatic tissue
- 24) A trait common in Leech and Mosquito is  
**(a) Anticoagulants** (b) Abundant asexual reproduction (c) Cellular level of organization (d) Absence of sexual phase
- 25) Leech has \_\_\_\_\_ suckers.  
(a) 1 **(b) 2** (c) 3 (d) 6
- 26) The posterior sucker is formed by the fusion of the last \_\_\_\_\_ segments.  
(a) Four (b) Five **(c) Six** (d) Seven
- 27) The anterior sucker helps in  
(a) Attachment (b) Locomotion **(c) Feeding** (d) All the above
- 28) \_\_\_\_\_ teeth are absent rabbit.  
**(a) Canines** (b) Molar (c) Premolar (d) Incisors
- 29) Indian cattle leech are  
(a) Ectoparasitic (b) Lives in fresh water **(c) Sanguivorous** (d) All of the above
- 30) Leech has \_\_\_\_\_ pairs of eyes.  
(a) two (b) three **(c) four** (d) five
- 31) Male genital aperture in leech is present in \_\_\_\_\_ segment.  
**(a) 9<sup>th</sup>** (b) 10<sup>th</sup> (c) 11<sup>th</sup> (d) 12<sup>th</sup>

- 32) Female genital aperture in leech is present in \_\_\_\_\_ segment.  
 (a) 9<sup>th</sup> (b) **10<sup>th</sup>** (c) 11<sup>th</sup> (d) 12<sup>th</sup>
- 33) In leech, excretion takes place by \_\_\_\_\_.  
 (a) Kidney (b) **Excretory tubes** (c) Nephridia (d) Anus
- 34) Leech is \_\_\_\_\_.  
 (a) Unisexual (b) **Dioecious** (c) Hermaphrodite (d) None of the above
- 35) A thin walled sac present at the junction of small intestine and large intestine of rabbit is \_\_\_\_\_.  
 (a) Oesophagus (b) Stomach (c) **Rectum** (d) Caecum
- 36) The \_\_\_\_\_ prevents the entry of food into trachea.  
 (a) Glottis (b) **Pharynx** (c) Epiglottis (d) Larynx
- 37) The heart of rabbit is \_\_\_\_\_ chambered.  
 (a) 2 (b) 3 (c) **3 1/2** (d) 4
- 38) The common tube which is formed by the union of urinary bladder and the vagina is called \_\_\_\_\_.  
 (a) **Uterus** (b) Vestibule (c) Vulva (d) Urethra
- 39) Anus is present in the \_\_\_\_\_ segment.  
 (a) 42<sup>nd</sup> (b) 32<sup>nd</sup> (c) **26<sup>th</sup>** (d) 27<sup>th</sup>
- 40) There are \_\_\_\_\_ pairs of nephridiopores.  
 (a) 23 (b) 32 (c) **17** (d) 48
- 41) There is a female genital pore in the \_\_\_\_\_ segment.  
 (a) **11<sup>th</sup>** (b) 13<sup>th</sup> (c) 12<sup>th</sup> (d) 15<sup>th</sup>
- 42) Body wall of leech is divided into \_\_\_\_\_ layers.  
 (a) six (b) **Five** (c) Three (d) Two
- 43) Crop is divided into \_\_\_\_\_ chambers.  
 (a) **10** (b) 12 (c) 9 (d) 8
- 44) There are \_\_\_\_\_ pairs of nephridia.  
 (a) 16 (b) 18 (c) **17** (d) 10
- 45) Single pair of ovary is present in the \_\_\_\_\_ segment.  
 (a) 10<sup>th</sup> (b) 12<sup>th</sup> (c) **11<sup>th</sup>** (d) 9<sup>th</sup>
- 46) Excretion in rabbit is in the form of \_\_\_\_\_.  
 (a) Ammonia (b) **Urea** (c) Uric acid (d) Amino acid
- 47) Which is not a feature of Annelid?  
 (a) Metameric segmentation (b) Nephridia (c) **Pseudocoelom** (d) clitellum
- 48) In rabbit \_\_\_\_\_ teeth are absent.  
 (a) molars (b) premolars (c) **canines** (d) incisors
- 49) The shape of the wound in the skin of the host caused by leech is \_\_\_\_\_

(a) V (b) X (c) U **(d) Y**

50) Annelids are

(a) Radially symmetrical (b) Externally segmented (c) Triploblastic **(d) Pseudocoelomate**