

# QB365 Question Bank Software Study Materials

## Bio - Zoology - Tissue Level of Organisation 50 Important 1 Marks Questions With Answers (Book Back and Creative)

11th Standard

Biology

Total Marks : 50

### Multiple Choice Question

50 x 1 = 50

- 1) The main function of the cuboidal epithelium is \_\_\_\_\_.  
(a) Protection (b) Secretion (c) Absorption **(d) Both (b) and (c)**
- 2) The ciliated epithelium lines the \_\_\_\_\_.  
(a) Skin (b) Digestive tract (c) Gall bladder **(d) Trachea**
- 3) What type of fibres are found in connective tissue matrix?  
**(a) Collagen** (b) Areolar (c) Cartilage (d) Tubular
- 4) Prevention of substances from leaking across the tissue is provided by \_\_\_\_\_.  
**(a) Tight junction** (b) Adhering junction (c) Gap junction (d) Elastic junction
- 5) Non-shivering thermogenesis in neonates produces heat through \_\_\_\_\_.  
(a) White fat **(b) Brown fat** (c) Yellow fat (d) Colourless fat
- 6) Match the following  
A) Sjogrer's syndrome - (i) Joints  
B) Parkinson's disease - (ii) Collagen  
C) Stickler syndrome - (iii) Saliva  
D) Rheumatoid arthritis system - (iv) Nervous  
(a) a) i b) iii c) ii d) iv (b) a) iii b) iv c) i d) ii **(c) a) iii b) iv c) ii d) i** (d) a) iv b) i c) iii d) ii
- 7) \_\_\_\_\_ is a epithelial tissue disorder.  
**(a) Asthma** (b) Rhabdomyo sarcoma (c) Stickler syndrome (d) Leukemia
- 8) Pick out the odd one:  
(a) Mucus (b) Saliva **(c) Hormone** (d) Milk
- 9) Name the disease in which the person finds it difficult to remember recent events and has mood swings  
(a) Parkinson's disease (b) Ehler's Danlos syndrome **(c) Alzheimer's disease** (d) Sjogren's syndrome
- 10) \_\_\_\_\_ is a triple helix protein which allow for great tensile strength  
(a) Bone **(b) Collagen** (c) Elastic fibre (d) Chondrocyte
- 11) Group of cells that are similar in structure and function are called\_\_\_\_\_  
(a) Organ (b) Organ system **(c) Tissues** (d) Germ layers
- 12) -----is a contractile tissue present only in the heart.  
(a) Kidney (b) digestive tract **(c) Heart** (d) Brain
- 13) -----is the type of modified columnar epithelium which secretes the protective lubricating mucus.  
(a) Sebaceous gland (b) Oil glands (c) Mast cells **(d) Goblet cells**

- 14) The adipose tissue which contains abundant mitochondria is called \_\_\_\_\_  
 (a) white fat (b) fat cells **(c) brown fat** (d) white adipose tissue.
- 15) Transitional epithelium occurs in \_\_\_\_\_  
 (a) Blood vessels (b) Trachea (c) Kidney **(d) Ureter/urinary bladder**
- 16) Find out the wrong match:  
 (a) Eosinophils Allergic response (b) Basophils Secrete histamine and serotonin **(c) Monocytes Secrete heparin**  
 (d) Lymphocytes Immune response
- 17) The outer covering of cartilage is called \_\_\_\_\_  
 (a) Peritoneum (b) Periosteum (c) Endosteum **(d) Perichondrium**
- 18) Skin is \_\_\_\_\_  
 (a) Cuboidal epithelium **(b) Stratified epithelium** (c) Columnar epithelium (d) Pseudostratified epithelium
- 19) Fibroblasts macrophages and mast cells are present in \_\_\_\_\_  
 (a) Cartilage tissue **(b) Areolar tissue** (c) Adipose tissue (d) Glandular epithelium
- 20) Which type of epithelium is involved in a function to move particles or mucus in specific direction \_\_\_\_\_  
 (a) Squamous epithelium (b) Cuboidal epithelium (c) Columnar epithelium **(d) Ciliated epithelium**
- 21) Which of these is not found in connective tissue \_\_\_\_\_  
**(a) Collagen fibres** (b) Basement membrane (c) Hyaluronic acid (d) Fluid
- 22) Which of the following is not a connecting tissue.  
 (a) Blood (b) bone (c) Lymph **(d) Nerve**
- 23) Microvilli and Goblet cells are the modifications of \_\_\_\_\_  
 (a) cuboidal epithelium **(b) columnar epithelium** (c) squamous epithelium (d) ciliated epithelium
- 24) Which of the following is not exocrine gland?  
 (a) Sweat glands (b) Sebaceous glands (c) Mammary glands **(d) Thyroid gland**
- 25) Which is the site of production of blood cells?  
 (a) Cartilage (b) Blood (c) Plasma **(d) Bone marrow**
- 26) Bone cells are called as \_\_\_\_\_ .  
 (a) Neurons (b) Epithelial cells **(c) Osteoblasts** (d) Chondrocytes
- 27) Cartilage is the \_\_\_\_\_ .  
 (a) Loose connective tissue (b) Dense connective tissue (c) Areolar connective tissue  
**(d) Specialized connective tissue**
- 28) \_\_\_\_\_ lines gall bladder.  
 (a) ciliated epithelium (b) columnar epithelium **(c) non-ciliated epithelium** (d) pseudo-stratified epithelium
- 29) The walls of the Bronchial tubes have \_\_\_\_\_.  
 (a) Dense irregular connective tissues (b) Reticular connective tissue **(c) elastic connective tissue** (d) Adipose tissue
- 30) Bones have \_\_\_\_\_ .  
 (a) Osteocytes (b) Fibroblasts **(c) Adipocytes** (d) Myofibrils

- 31) Where do you find cuboidal epithelium?  
 (a) Alveoli of lungs (b) Digestive tract from stomach to the rectum **(c) Secretory parts of small glands**  
 (d) Lining of heart, blood vessels
- 32) The non-ciliated epithelium is found in \_\_\_\_\_.  
 (a) Small bronchioles (b) Fallopian tubes (c) Uterus **(d) Secretory ducts of glands**
- 33) Choose out the multicellular gland placed on the basis its secretory units?  
**(a) Tubulo-alveolar gland** (b) Simple gland (c) Apocrine (d) Holocrine
- 34) Choose out the multicellular gland placed on the basis of its structure.  
 (a) Merocrine **(b) Simple gland** (c) Tubular (d) Alveolar
- 35) Gap junction functions in \_\_\_\_\_.  
 (a) Communication of cells (b) Rapid transfer of ions (c) Rapid transfer of more small and less big molecules  
**(d) All the above**
- 36) Tendons and ligaments are the examples of \_\_\_\_\_.  
**(a) Dense regular tissue** (b) Dense irregular tissue (c) Reticular connective tissue (d) Areolar tissue
- 37) Bone and muscle are connected by \_\_\_\_\_.  
 (a) Cartilage (b) Areolar tissue (c) Ligament **(d) Tendon**
- 38) Where do you find the elastic connective tissue?  
**(a) Ligaments associated with the vertebral column** (b) Ureters (c) Bladder (d) Fallopian tubes
- 39) The fusiform shaped muscles are \_\_\_\_\_.  
 (a) Skeletal muscles **(b) Smooth muscles** (c) Voluntary muscle (d) Cardiac muscle
- 40) What can not be considered as supporting or connective tissue?  
**(a) Epithelial** (b) Bone (c) Blood (d) Cartilage
- 41) Mouth parts of housefly are  
 (a) Piercing and sucking type (b) Biting and sucking type **(c) Sponging and sucking type** (d) biting and chewing type
- 42) Fasciola hepatica is  
 (a) hermaphrodite. Self fertilizing (b) hermaphrodite, cross fertilizing (c) unisexual **(d) both (a) and (b)**
- 43) Match the excretory organs listed under column I with the animals given under column II. Choose the answer which gives the correct combination of alphabets of the column.
- | Column I             | Column II     |
|----------------------|---------------|
| A Nephridia          | p Hydra       |
| B Malpighian tubules | q Leech       |
| C Protonephridia     | r Shark       |
| D kidneys            | s Round worms |
|                      | t Cockroach   |
- (a) A - q; B = t; C = s; D = r** (b) A = s; B = q; C = p; D = t (c) A = t; B = q; C = s; D = r (d) A = q; B = s; C = t; D = p
- 44) Sea cucumbers belong to class  
 (a) Echinoidea **(b) Holothuroidea** (c) Ophiuroidea (d) Asteroidea
- 45) Ciliated columnar epithelium called ependyma is present in the lining of

- (a) Fallopian tubes    **(b) Ventricles of brain**    (c) Nasal passages    (d) Bronchioles
- 46) Bone forming cells which secrete ossein protein are called
- (a) chondroblasts    (b) chondrocytes    **(c) osteoblasts**    (d) osteocytes
- 47) All the following statements are correct, except
- (a) Hyaline cartilage lacks fibres and is present in sternum, hyoid and ribs
- (b) White fibrous cartilage is the strongest cartilage and is present in the intervertebral disc
- (c) Elastic cartilage is present in the tip of nose and ear pinna
- (d) Calcified cartilage is not present in the pubis of pelvic girdle of frog.**
- 48) Cells of germinal epithelium are \_\_\_\_\_ in shape.
- (a) cuboidal**    (b) columnar    (c) ciliated    (d) squamous
- 49) Which of the following muscles act involuntarily?
- i) Striated muscles
- ii) smooth muscles
- iii) Cardiac muscles
- iv) skeletal muscles
- (a) i and ii    **(b) ii and iii**    (c) iii and iv    (d) i and iv
- 50) Identify the false statement(s) from the following
- i) Collagen fibres are inelastic in nature
- ii) Ligaments attach muscle with the bone
- iii) Central body of a nerve cell is called axon
- iv) Neurons are excitable cells which transmit impulse
- (a) ii and iii**    (b) ii and iv    (c) i only    (d) ii, iii and iv