

## SAMPLE MULTIPLE CHOICE QUESTIONS ZOOLOGY -SEM 5

### PAPER I

1. In *Dysteria* microtubular structures around the cytopharynx are called \_\_\_\_\_

- a] Plexus
- b] Setae
- c] Phyllae
- d] Fibrillae

2. Rainy's corpuscles are crescent-shaped spores found in \_\_\_\_\_

- a] *Eimeria*
- b] *Sarcocystis*
- c] *Scypha*
- d] *Spongilla*

3. *Limulus* is commonly known as \_\_\_\_\_

- a] Lobster
- b] King crab
- c] Sea spider
- d] Shrimp

4. The characteristic feature of *Cucumaria* is the presence of \_\_\_\_\_

- a] Pinnules
- b] Spines
- c] Respiratory tree
- d] Tentacles

5. Shell is absent in the Mollusc \_\_\_\_\_

- a) Chiton
- b) Chaetoderma
- c) Bivalve
- d) Nerita

6. Class \_\_\_\_\_ bears poisonous claws on their first pair of trunk.

- a) Diplopoda
- b) Chilopoda
- c) Insecta
- d) Maxillipoda

7. The Class Pterobranchia is also called \_\_\_\_\_

- a) Flying fish
- b) Sea butterflies
- c) Sea angels
- d) Lung fish

8. Sepia shows \_\_\_\_\_ types of locomotion

- a) Three
- b) One
- c) Four
- d) Two

9. The olfactory pits in Sepia are present on \_\_\_\_\_

- a] Fins
- b] Behind the eyes
- c] The mantle cavity
- d] Tentacles

10. In Sepia the stellate ganglion innervates the \_\_\_\_\_

- a] Oesophagus
- b] Stomach
- c] Mantle
- d] Siphon

## PAPER II

1. Haematopoiesis occurs in \_\_\_\_\_

- a] Liver
- b] Pancreas
- c] Lungs
- d] Bone marrow

2. Fibrinogen forms insoluble fibrin which forms the \_\_\_\_\_

- a] Cell
- b] Clot
- c] Hormone
- d] Gastric juice

3. Kupffer cells are found in \_\_\_\_\_

- a) Kidney
- b) Intestine
- c) Gall bladder
- d) Liver

4. Cancer of bone marrow leads to \_\_\_\_\_

- a) Pernicious anemia
- b) Sickle cell anemia
- c) Aplastic anemia
- d) Thalassemia

5. An uncontrolled abnormal proliferation of the leucocytes is characteristic of \_\_\_\_\_

- a) Hemophilia
- b) Fibrinogenopenia
- c) Thrombocytopenia
- d) Leukemias

6. Artificial active immunization is acquired by administering \_\_\_\_\_

- a) Macromolecules
- b) Live or dead pathogens
- c) Serum
- d) Maternal antibodies

7. Study of immunological reactions is \_\_\_\_\_

a) Haematology

b) Toxicology

c) Serology

d) Pathology

8. Normal serum concentration of IgG is about \_\_\_\_\_

a) 20-22mg/ml

b) 8-16mg/ml

c) 11-15mg/ml

d) 18-20mg/ml

9. Hepatitis is the inflammation of the \_\_\_\_\_ tissue

a) Kidney

b) Liver

c) Lungs

d) Pancreas

10. In humans the MHC genes are closely clustered together on the short arm of chromosome \_\_\_\_\_

a) 6

b) 5

c) 1

d) 4

### PAPER III

1. Thin layer of cells found only in thick skin of the palms, soles and digits is \_\_\_\_\_

- a) Stratum malpighian
- b) Stratum lucidum
- c) Stratum papillae
- d) Stratum germanum

2. Sweat glands are also called \_\_\_\_\_

- a) Mesocrine glands
- b) Milanocrine glands
- c) Sudoriferous glands
- d) Myoepithelial glands

3. Gastrin is released mainly by enteroendocrine \_\_\_\_\_ cells

- a) K cells
- b) G cells
- c) E cells
- d) S cells

4. Liver is the \_\_\_\_\_ exocrine gland in the body

- a) Longest
- b) Smallest
- c) Shortest
- d) Largest

5. The term \_\_\_\_\_ means any toxic substance that is produced by human or by product of human activities.

- a) Dose
- b) Exposure
- c) Treatment
- d) Toxicant

6. \_\_\_\_\_ toxicology deals with medicolegal aspects that involves detection of poisons

- a) Clinical
- b) Regulatory
- c) Forensic
- d) Nutritional

7. A drug to have a favorable safety range always \_\_\_\_\_ Therapeutic Index [TI] value is preferred

- a) Lower
- b) Higher
- c) Median
- d) Extreme

8. In \_\_\_\_\_ necrosis formation of viscous liquid mass due to digestion of dead cells is observed

- a) Colliquative
- b) Coagulative
- c) Caseous
- d) Fibrinoid

9. Binomial distribution was discovered by Swiss mathematician \_\_\_\_\_

- a] James Bernard
- b] Simeon Denis
- c] Gauss
- d] James Bernoulli

10. Standard error helps to calculate the \_\_\_\_\_ of the sample

- a] Shape
- b] Colour
- c] Size
- d] Weight

#### PAPER IV

1. Keratin derivatives are found in \_\_\_\_\_ vertebrates

- a] Marine
- b] Freshwater
- c] Brackish water
- d] Terrestrial

2. \_\_\_\_\_ are characteristics of deer family Cervidae

- a] Mongoose
- b] Panda
- c] Horse
- d] Antlers



3. Young birds are covered by \_\_\_\_\_ feathers

- a] Quill
- b] Down
- c] Plume
- d] Pin

4. The yellow bone marrow of long bones acts as a storage of \_\_\_\_\_

- a] Fats
- b] Proteins
- c] Glucose
- d] Carbohydrates

5. There are \_\_\_\_\_ facial bones which form the face

- a] 10
- b] 12
- c] 14
- d] 18

6. \_\_\_\_\_ are elastic arches of bone

- a] Pectoral girdle
- b] Fingers
- c] Legs
- d] Ribs

7. \_\_\_\_\_ is the longest and strongest bone in the hind limb

a] Patella

b] Tibia

c] Femur

d] Cuboid bone

8. In the human foot there are \_\_\_\_\_ flexor muscles

a] One

b] Two

c] Five

d] Four

9. The topographical surface mapping of the egg is called \_\_\_\_\_ map

a] Field map

b] Bit map

c] Fate map

d] Pix map

10. 72 Hour Chick embryo has \_\_\_\_\_ pairs of somites

a] 16

b] 24

c] 32

d] 35