

TELANGANA UNIVERSITY
S.S.R. DEGREE COLLEGE, NIZAMABAD (C.C:5029)
II SEMESTER INTERNAL ASSESSMENT-II EXAMINATIONS
DEPARTMENT OF ZOOLOGY
(EFAV)
QUESTION BANK

I. Multiple choice questions

10 X ½= 5 Marks

1. The skin synthesize_____ vitamin when exposed to sunlight (B)
A. B B. D C. A D. All
2. Upper part of hair is called (B)
A. Root B. Shaft C. a,b D. All
3. Chromophores are present in (A)
A. Epidermis B. Dermis C. Both a,b D. None
4. Bluish white matrix is present in (A)
A. Hyaline Cartilage B. Elastic Cartilage C. A,B D. None
5. Bones consist of (D)
A. Chromophores B. Phagocytes C. Monocytes D. Osteocytes
6. Enamel secreting cells are (A)
A. Ameloblast B. Odontoblasts C. Monocytes D. Monocytes
7. Second largest gland (B)
A. Liver B. Pancreas C. Pituitary D. Thymus
8. Branchial system present in (C)
A. Birds B. Mammals C. Fishes D. Reptiles
9. External gills are present in (A)
A. Amphibians B. Reptiles C. Aves D. Mammals
10. S – shaped nucleus present in ()
A. Acidophils B. Neutrophils C. Basophils D. RBC
11. Which of these not an integument system part (D)
A. Skin B. Hair C. Nail D. Gall bladder
12. Which animals integument system consist of skin glands (D)
A. Skin B. Hair C. Nail D. Amphibians

13. Total neotony present (D)
A. Necturus B. Proteins C. Sireen d. All
14. Testes are produces (C)
A. Peptide hormone B. Amine Hormone C. Skroid hormone
15. Amniotic egg contains (D)
A. Amnion B. Chorian C. Yolkase D. All
16. Chorian is a _____ layer (A)
A.Outer most layer B. Inner layer C. Middle layer D. All
17. Leyding cells produce (A)
A.Pcos B. Hirsutism C. Amenorrhoea D. All
18. Neotony is (B)
A. 4 types B. 6 types C. 2types D. 3 types
19. How many factors affect neotony (C)
A. 5 B.4 C.6 D. 7
20. Sebaceous glands secrets (A)
A. Sebum B. Musus C. Enzymes D. None

II. Fill in the Blanks

10 X ½ = 5 Marks

- The main function of gas bladder in fish buoyancy control
- In birds air sacs are used as Respiration
- Lymph consist of water & WBC (lymphocytes)
- The epithial cells of adrenal cortex contain 3 layers
- The testis is enclosed by fibruous connective tissue is called tunica albyginea
- According to gill arch theory paired fins & their girdle are arise from modified gill arches
- 8 bones are present in wrist
- Urinary system system is primary organ system responsible for removing waste
- Several (more than six) enzymes are present in pancreatic juice
- Progesterone Hormone prepares uterus for pregnancy

11. **Protection** is the primary function of integument system
12. The skin plays a role in the immune system by acting as a **barrier** against **pathogens**
13. Photophores are **light producing** structures
14. **Mucus** gland secretes mucus
15. **Turtle & tortoise** animals have a shell as integumentary system
16. In birds **down feathers** help regulate body temperature
17. **Mammary** glands are unique to mammals
18. **Epididymis** store & mature sperm.
19. **Amnion** membrane surrounds the embryo
20. **Yolk sac** provides nutrients to the embryo

III. One word answers

5X 1 = 5 Marks

1. Basic structure of vertebrates ?
A. Vertebrates are characterized by a backbone a skull & usually two pairs of limbs.
2. Glands of digestive system?
A. Salivary glands, liver, pancreas
3. Colon ?
A. Also known as large intestine is a vital part of the digestive system.
4. Air sacs ?
A. Air sacs are thin walled membranous structures in the respiratory system of birds
5. Swim bladders?
A. The swim bladder also known as the air bladder is a gas filled internal organ, found in most bony fish
6. What is neotony ?
A. The development of reproductive organs in larval stage known as neotony.
7. What is an integumentary system ?
A. Integument refers to the outer covering (or) skin, hair, nails, feathers, scales & shells.
8. Placenta ?
A. A flattened circular organ in the uterus of pregnant eutherian mammals, nourishing & maintaining the fetus through the umbilical cord.
9. Amniotic egg ?

A. Consist of a shell, the amnion, allantois chorion & yolk sac

10. Infundibulum ?

A. The first part of the oviduct.

IV. Assignment

1X 5 =5 Marks