

ZOOLOGY



INTERMEDIATE BIOPC 2nd YEAR

LONG ANSWER QUESTIONS [LAQ'S]



- 1Q. Describe the structure of the heart of man with the help of neat labelled diagram.
- 2Q. Write notes on the working of the heart of man?
- 3Q. Describe female reproduction system of a woman with the help of a labelled diagram.
- 4Q. Describe male reproductive system of a man with the help of a labelled diagram.
- 5Q. What are the multiple alleles? Describe multiple alleles with the help of ABO blood groups in man?



- 6Q. Describe chromosomal theory of sex determination?

SHORT ANSWER QUESTIONS [SAQ'S]



- 1Q. Describe erythroblastosis foetalis?



2Q Draw a labelled diagram of the T.S. of the Cord of man - ?



3Q Write a neat labelled diagram of LS of tooth - ?

4Q What are the functions of liver ?

5Q Describe disorder of respiration - ?

6Q Write a note on Addison's disease and Cushing's Syndrome



7Q Describe the process of digestion of proteins in the Stomach - ?

8Q Explain the process of inspiration and Expiration under normal conditions - ?

9Q Describe the internal structure of kidney of man - ?

10Q Describe the structure of a synovial joint with the help of a neat labelled diagram

11Q Give an account of the retina of the human eye - ?
Write short note on immunoglobulins

12Q Describe the placenta in a woman - ?

13Q Distinguish between homologous and analogous organs



- 14Q Write a short on the theory of mutations →
- 15Q Explain Darwin's theory of natural selection
industrial melanism as an experimental proof
- 16Q What is meant by genetic drift? Explain genetic drift citing the example of founder effect
- 17Q Discuss in brief about Avian Flu?
- 18Q Define vaccine and discuss about types of vaccines?
- 19Q Write in brief the types of gene therapy
- 20Q Explain the different types of cancer
- 21Q Write about the procedure involved in MRI.
- 22Q Discuss process of indirect ELISA →

VERY SHORT ANSWER QUESTIONS [5M]



- 1Q. What is chyme?
- 2Q Name the blood vessels that enter and exit the kidney
- 3Q Distinguish between diabetes insipidus and diabetes mellitus
- 4Q "Colostrum is very much essential for the newborn infants". Justify
- 5Q What is insulin shock?



- 6Q Give the dental formula of adult human being.



1. Name the different types of papillae present on the tongue of man
2. Define vital capacity. What is its significance?
3. What is tidal volume of air remaining in lungs after a normal expiration?
4. Write difference between open and closed system of circulation.
5. Name the heart sound when are they produced
6. What are the colours of heart?
7. Define glomerular filtration.
8. What is triad system?
9. Name the keystone bone of cranium where is it located
10. Human skull is describe as dicondylic skull. give the reasons
11. Name the ear ossicles and their evolutionary origin in human beings
12. Describe the structure of Synovial joint with the help of a neat labeled diagram.
13. Name the cranial meninges covering the brain of man
14. What is Corpus callosum?