

Sessional examination- 2024

B. Sc 3rd semester

Subject : Zoology

Paper – ZOO-2011

Total marks – 30

Time : 1 Hour 30 Minutes

- 1. Answer the following in short (any 5). 1x5=5**
- a. What are the types of linkage?
 - b. State Mendel's law of independent assortment.
 - c. Define mutagen.
 - d. State the significance of recombination.
 - e. What do you mean by sex limited characters?
 - f. What is the cause of cri-du-chat syndrome?
- 2. Write short note on (any 1): 5x1=5**
- a. X attached method.
 - b. Pleiotropism.
- 3. Write a note on (any 2) : 10x2=20**
- a. Write a note on molecular mechanism of crossing over.
 - b. What is epistasis? Describe with an example.
 - c. Define mutation and describe about its various types.
