

ZOOLOGY

1. Write critical notes on any four of the following:

(4x7.5=30)

- (a) Beneficial insects
- (b) Dentition in mammals
- (c) Enzyme action
- (d) Extra embryonic membrane
- (e) Pituitary hormones
- (f) Recombination and linkage

PART – I

- 2. Discuss parasitic adaptations in helminths. (30)
- 3. Write an essay on migration in fishes and birds. (30)
- 4. 'Pollution leads to global warming'. Comment. (30)

PART – II

- 5. Describe the processes of transcription and translation in the biosynthesis of proteins. Add a note of the genetic code. (30)
- 6. Define action potential and describe its propagation along the nerve fibre and across the synapse. (30)
- 7. Describe the structure of mitochondria, compartmentalization of enzymes and the generation of ATP. (30)

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हर सवाल का जवाब!