

Total No. of Questions : 21 Total No. of Printed Pages : 2



Part - III ZOOLOGY - PAPER - II

(English Version)

Max. Marks : 60

10x2=20

Time : 3 Hours

Note : Read the following instructions carefully.

- (i) Answer all the questions of Section A. Answer any six questions in Section B and answer any two questions in Section - C.
- (ii) In Section A, questions from Sr. Nos. 1 to 10 are of "Very short answer type". Each question carries two marks. Every answer may be limited to 5 lines. Answer all these questions at one place in the same order.
- (iii) In Section B, questions from Sr. Nos. 11 to 18 are of "Short answer type". Each question carries four marks. Every answer may be limited to 20 lines.
- (iv) In Section C, questions from Sr. Nos. 19 to 21 are of "Long answer type". Each question carries eight marks. Every answer may be limited to 60 lines.
- (v) Draw labelled diagrams, wherever necessary for questions in Section B and C.

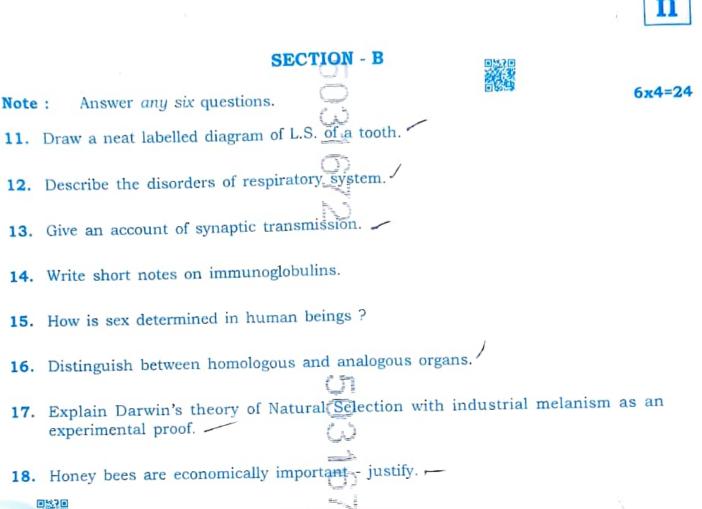


SECTION - A

Note : Answer all the questions.

- 1. What is chyme ? <
- 2. What are the columns of Bertin ? /
- 3. Distinguish between red muscle fibers and white muscle fibers.
- 4. Name the keystone bone of the cranium. Where is it located ? -
- 5. Which hormone is called anti-diuretic hormone ? Write the name of the gland that secretes it.
- 6. Which hormone is commonly known as fight and flight hormone ?/
- 7. Define spermiogenesis and spermiation. \checkmark
- 8. What are the measures one has to take to prevent contracting STDs ? -
- 9. Define the terms layer and broiler.
- 10. MRI scan is harmless justify.

[1 of 2]



Note : Answer any two questions.

- 19. Describe the structure of the heart of man with the help of neat labelled diagram.
- 20. Describe female reproductive system of a woman with the help of a labelled diagram.
- 21. What is crisscross inheritance ? Explain the inheritance of one sex linked recessive character in human beings.

000-

2x8 = 16