

**Model Question Paper**  
**Zoology-Applied Biology-Part I**

12th Standard

**Biology**

Reg.No. : 

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- I. Answer all the questions.
- II. Use blue pen only.
- III. Question number 18 is compulsory.

Time : 01:30:00 Hrs

Total Marks : 75

5 x 1 = 5

**Part-A**

- 1) The breeds of cattle now available in India are .....  
(a) 29 (b) 30 (c) 26 (d) 20
- 2) which one of the following is not a draught breed?  
(a) Kangayam (b) Khillar (c) Kankrej (d) Hallikar
- 3) The other name for the cattle 'Sindhi' is.....  
(a) Kongu (b) Nellore (c) Red Karachi (d) Deccan
- 4) Kangayam originated from  
(a) punjab (b) coimbatore (c) karnataka (d) kathiawar
- 5) Which of the following is not an exotic breed?  
(a) jersey (b) Gir (c) Brown swiss (d) Ayreshire

**Part-B**

- 6) What is meant by dairy operations?
- 7) How are cattles classified?
- 8) Compare the udder of sindhi with kangayam.
- 9) How are dual purpose breeds helpful for mankind.
- 10) Write down the origin and distribution of the cattle kangayam.

5 x 3 = 15

**Part-C**

- 11) Write short notes on artificial insemination.
- 12) Mention any five characteristic features of cultivable fishes.
- 13) Describe the biological characters of Rohu.
- 14) Give an account of the bionomics of Catla catla.
- 15) Write the use of C.T.

5 x 5 = 25

**Part-D**

- 16) Discuss the various techniques adopted in cattle breeding.
- 17) Describe the Honey beehive equipments in detail.
- 18) a) Mention the uses of beehive products. (or) Give an account of chemical composition and uses of honey.  

(OR)
- b) Describe the Life cycle of Silkworm.

3 x 10 = 30

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