

MODEL QUESTION PAPER-2021-2022
AGRICULTURE ZOOLOGY
FIRST QUESTION PAPER
CLASS -12 AG
(ONLY FOR AG PART-2 STUDENTS)

MM:50

Time:3hr 15min

Note: First 15 minutes allotted for the candidates to read the question paper.

Instructions:

- i)** All questions are compulsory.
 - ii)** Question No. 1 is Multiple Choice Type. Question No.2 to 6 are Definite Answer Type. Question No.7 to 11 are Very Short Answer Type to be answered within 50 words each. Question No.12 to 14 are Short Answer Type to be answered with in 150 words each and Question No.15 to 17 are Long Answer Type to be answered within 300 words each.
 - iii)** The marks for each question are mentioned against it.
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Multiple Choice Type Questions

Question01: Four alternative answers are given in each part of the question, out of which one is correct. Choose the correct answer and write it serially in your answer-book.

- a). Which one of the disease is generated by virus? 1
- i) Cholera ii) Typhoid
iii)Tetanus iv)measles
- b). Ornithology is studied in- 1
- i)Bird ii) Reptiles
iii) Mammals iv) Skeleton
- c) Normal body temperature of human is? 1
- i)90°F ii)98°F
iii)98.6 °F iv)98.4 °F
- d) In amoeba osmoregulation is carried out by- 1
- i)Nucleus ii) Contractile
iii)Mitochondria iv) Food vacuole
- e) What is the scientific name of the national bird of India? 1
- i)Pavo cristatus iii) Columba-livia
iii)Citakulacvimeta iv) Passer-domestic

Definite Answer Type Questions

Question02: In which parts of the earth worm is clitellum found? 1

Question03: Write the chemical name of vitamin-D. 1

Question04: Write the name of omnibus and omnipresent blood group. 1

Question05: Write the zoological name of mulberry silk worm. 1

Question06: Write the name of vessel which carries the blood from lung to heart. 1

Very Short Answer Type Questions

Question07: Write the names and products of two insects beneficial to humans. 2

Question08: How many pairs of cranial nerves are found in a rabbit? Name any two? 2

Question09: In which two classes are Isothermic animals kept? 2

Question10: Write the four distinctive features of the phylum arthropoda. 2

Question11: Write the difference between artery and vein. 2

Short Answer Type Questions

Question12: Classify the following and write any four characteristics. 4

i) Earthworm ii) Rabbit

Question13: Describe the life cycle of silk worm with the help of a diagram. 4

Question14: Explain the difference between chordata and non-chordata by giving examples. 4

Long Answer Type Questions

Question15: Write the difference between prokaryotic and eukaryotic cell. 6

Question16: Draw the labelled diagram of external structure of the rabbit's heart and describe the function of its heart.

6

OR

Draw a labelled diagram of a rabbit's heart.

Question17: Describe and draw the labelled diagram of Watson and Crick model of DNA. 6

OR

Draw the labelled diagram of Watson and Crick model of DNA.
