



UNIVERSITY OF THE PUNJAB

Seventh Semester – 2019

Examination: B.S. 4 Years Program

Roll No. in Fig.

Roll No. in Words.

PAPER: Economic Zoology
Course Code: ZOOL-405 Part-I (Compulsory)

MAX. TIME: 15 Min.
MAX. MARKS: 10

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Signature of Supdt.:

Attempt this Paper on this Question Sheet only.

Please encircle the correct option. Division of marks is given in front of each question.

This Paper will be collected back after expiry of time limit mentioned above.

Q.1. Encircle the right answer, cutting and overwriting is not allowed. (1x10=10)

- i. The Moth *Gnorimoschema operculella* is a pest of:
(a) Cloths (b) Rice
(c) Potato (d) Cotton
- ii. *Microtermes obesi* is a pest of:
(a) Wood (b) Stored Grains
(c) Books (d) Fruits
- iii. The intermediate host of the Filaria worm *Wuchereria bancrofti* is one of these mosquitoes:
(a) Anopheles (b) Culex
(c) Aedes (d) Plasmodium
- iv. *Taenia solium* is commonly known as:
(a) Hydated Worm (b) Pork Tapeworm
(c) Beef Tapeworm (d) Silk worm
- v. Espundia disease is caused by:
(a) *Leishmania brasiliensis* (b) *Leishmania donovani*
(c) *Leishmania tropica* (d) None of these
- vi. The Mangelmite *Sarcoptes scabiei* is a pest of:
(a) Human beings (b) Horses and Sheep
(c) Human beings, Horses and Sheep (d) Poultry
- vii. The fat of Pig is termed as:
(a) Ham (b) Lard
(c) Sausage (d) None of these
- viii. The cattle, horses, goats and deer are attacked by one of the following:
(a) *Argas perscus* (b) *Boophilus microplus*
(c) *Eutrombicula alfreddugesi* (d) None of these
- ix. Sahiwal breed refers to:
(a) Buffaloes (b) Goats
(c) Sheep (d) Cow
- x. The Rat Flea is transmitter of Bubonic Plague by one of the following Bacterium:
(a) *Pasteurella irritans* (b) *Bacillus spp.*
(c) *Pasteurella pestis* (d) All of these



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PAPER: Economic Zoology

Course Code: ZOOL-405 Part – II

MAX. TIME: 2 Hrs. 45 Min.

MAX. MARKS: 50

ATTEMPT THIS (SUBJECTIVE) ON THE SEPARATE ANSWER SHEET PROVIDED

Q.2. Explain the following with examples.

(10x2=20)

- i. Write down two problems of sericulture industry.
- ii. Enumerate methods of preservation of fishes.
- iii. What are two important diseases of poultry?
- iv. Two uses of honey.
- v. Two important pests of House-Hold Goods.
- vi. Three castes of honeybees.
- vii. Two products of Apiculture.
- viii. Prevention and control of Rats.
- ix. Two important pests of stored-Grains.
- x. Two pests of Fruits.

Q.3. Questions with brief answers

(3x10=30)

- i. Benefits of Apiculture.
- ii. Pearl Culture.
- iii. Economic importance of Zooparasitic Helminths.