

**MIZORAM PUBLIC SERVICE COMMISSION
NEW SECRETARIAT COMPLEX
AIZAWL**

NOTIFICATION

(LDE No. 4 of 2020-2021)

Dated Aizawl, the 31st March, 2021

No.A.34012/13/2017-MPSC : Mizoram Public Service Commission chuan Mizoram Sawrkar, Sericulture Department hnuai Sericulture Extension Officer post 1 (*pakhat*) ruaka kaisanna turin *Limited Departmental Examination* a buatsaih dawn a. Dil thei turte chu Sericulture Department-a **Sericulture Inspector kum 3 regular service** nei chin te tan a ni. He Limited Departmental Examination hi Mizoram Sericulture Department (Group 'B' post Gazetted) Recruitment Rules, 2014 anga buatsaih tur a ni.

Dilna form (Willingness) hi Mizoram Public Service Commission **Office-ah leh** Website **www.mpsc.mizoram.gov.in** - ah lak / download theih a ni a, ni **30.4.2021** thlengin Mizoram Public Service Commission Office, Aizawl-ah thehluh theih a ni.

Exam hun tur chu a hranpa-a la inhriattir leh a ni ang. Exam tumte chuan Examination fee **Rs 250/-** Willingness an theh luh rualin emaw, ni **30.4.2021** hma ngeiin Reception Counter, Mizoram Public Service Commission Office-ah pek tur a ni. Examination fee pe leh Willingness thehluh te chauh Exam phalsak an ni ang.

Exam-na tur Syllabus chu a hnuai ami ang hi a ni e.

PAPER I : (Full Marks 100)

SECTION - A

ARBORICULTURE (40 marks)

1. Preparation of Nursery bed.
2. Manures and Fertilizers.
3. Pruning (Type and methods of Pruning).
4. Leave harvesting and preservation.
5. Transportation and preservation.
6. Maintenance of Farm.
7. Propagation of food plants, cuttings, grafting and layering.

SECTION - B

SILKWORM PHYSIOLOGY AND SILKWORM REARING (60 marks)

1. Morphology of Silkworm egg, larva, pupa and moth.
2. Classification and life cycle of Silkworm .
3. Silkworm nutrition and its important for quality cocoon production.
4. Development stages in silkworm.
5. Moulting and voltinism.
6. Rearing house and rearing equipment.
7. Preparation for rearing.
8. Simple method to control temperature and humidity.
9. Brushing of hatched larvae.
10. Method of rearing.
11. System of indoor/outdoor rearing.
12. Harvesting.
13. Young/late age Silkworm rearing.

PAPER II : (Full Marks 100)

SECTION - A

PATHOLOGY (50 marks)

I. Plant Pathology

1. Pest management
2. Diseases of mulberry and their control.
3. Foliar, stem and root diseases.
4. Deficiency diseases-common symptoms and their control.

II. Silkworm pathology.

1. Four different types of Silkworm diseases.
2. Symptoms of peprine, flacherie, grasserie and fungal diseases in larval stage.
3. Prevention and control of Silkworm diseases

SECTION - B

SEED TECHNOLOGY (50 marks)


1. Equipments of Granage.
2. Selection of seed cocoons.
3. Sex separation - Identification of male and female moths.
4. Refrigeration of eggs/moths.
5. Coupling and decoupling.
6. Egg laying.
7. Moth examination.
8. Disinfection of eggs.
9. Preparation of loose eggs.
10. Acid treatment of Silkworms eggs.
11. Seed organisation of P₃P₂P₁
12. Breeding of Silkworm races.

Sd/-JAMES LALNUNMAWIA
Controller of Examinations
Mizoram Public Service Commission
Aizawl.

Memo No.A.34012/13/2017-MPSC :
Copy to :

Dated Aizawl, the 31st March, 2021.

1. Sr. P.P.S. to Chairman, Mizoram Public Service Commission.
2. PPS/P.S. to Members, Mizoram Public Service Commission.
3. The Under Secretary to the Govt. of Mizoram, Sericulture Department, Aizawl with reference to letter No.A.32019/6/2019-SERI, dated Aizawl, the 23.3.2021. He is requested to widely circulate this Notification within the Department.
4. All Officers under Mizoram Public Service Commission.
5. Confidential Cell, Mizoram Public Service Commission, with 2 spare copies.
6. All Sections, Mizoram Public Service Commission.
7. I.T. Cell, Mizoram Public Service Commission for uploading on the Website.
8. Notice Board.
9. Guard File.


(V LALHMINGCHHUANGI)
Deputy Controller of Examinations
Mizoram Public Service Commission
Aizawl.