

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

NOTIFICATION

Dated Aizawl, the 30th November, 2017.

No.A.34012/13/2017-MPSC : Mizoram Public Service Commission chuan Mizoram Sawrkar, Sericulture Department hnuai Sericulture Extension Officer Post 2 (*Pahnih*) ruaka kaisanna turin *Limited Departmental Examination* a butsaid dawn a. Dil thei turte chu Sericulture Department-a Farm Manager / Sericulture Inspector / Reeling Foreman kum 3 regular service nei chin te tan a ni. He Limited Departmental Examination hi Mizoram Sericulture Department (Group 'B' posts) Recruitment Rules, 2005 in a sawi anga buatsaih tur a ni. Exam tum te chuan an **Hming, Pa hming, Date of Birth, Date of Entry into present grade, Thawh mêkna Office, Phone/Mobile No.** te lehkhapuan pangngaia ziakin, Head of Office kaltlangin Secretary, Mizoram Public Service Commission hnenah ni **17.01.2018** ral hma ngeiin *Willingness* thehluh tur a ni. Exam hun tur chu a hranpain la inhriattir leh a ni ang.

Examination fee Rs. 250/- chu ni **17.01.2018** ral hma ngeiin **Mizoram Public Service Commission Reception Counter-ah** pek tur a ni. **Exam Fee** pe leh **Willingness** theh lutte 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. Developmental 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.

(LALZIRMAWIA CHHANGTE)

Secretary

Mizoram Public Service Commission

Aizawl.

Memo No.A.34012/13/2017-MPSC

: Dated Aizawl, the 30th November, 2017.

Copy to :

1. Sr. P.P.S. to Chairman, Mizoram Public Service Commission.
2. PPS/P.S. to Members, Mizoram Public Service Commission.
3. The Secretary to the Govt. of Mizoram, Sericulture Department, Aizawl with reference to letter No.A.32013/2/2016-SERI/197, Dated Aizawl, the 27.11.2017. 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.

(K.LALRINKIMA)

Controller of Examinations

Mizoram Public Service Commission

Aizawl.