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GOVERNMENT OF SIKKIM
DEPARTMENT OF PERSONNEL, ADMINISTRATIVE REFORMS,
TRAINING AND PUBLIC GRIEVANCES
GANGTOK

No: ER/GOS/DOP/III/03/137/GEN

Dated: 31/03/2018

NOTIFICATION

The following rules for open competitive examination to be conducted by the Sikkim Public Service Commission in 2018 for appointment to the post of Assistant Engineer (Agriculture) under Sikkim State Agriculture Service are notified here under namely:-

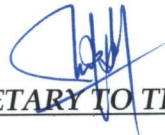
1. The number of vacancies to be filled up after the Examination will be specified in the Notice to be issued by the Sikkim Public Service Commission.
2. The Examination will be conducted by the Sikkim Public Service Commission according to syllabus and procedure as indicated in the *Appendix- I* to these Rules.
3. The date and place of Examination will be fixed by the Sikkim Public Service Commission.
4. Candidate must write the answers in his/her own handwriting. Under no circumstance will he/she be allowed the help of a scribe to write the answers.
5. A candidate must pay fees as may be prescribed by the Commission.
6. The decision of the Commission as to the eligibility of a candidate for admission to the examination shall be final. Their admission at all stages of examination for which they are admitted by the Commission viz: main (Written) Examination and Interview Test will be purely provisional, subject to their satisfying the prescribed eligibility conditions. If on verification at any time before or after the Main (Written) Examination and Interview Test, it is found that they do not fulfill any of the eligibility conditions; their candidature for the examination will be cancelled by the Commission.
7. No candidate will be admitted to the examination unless he/she holds a certificate of admission issued by the Commission. Their admission to all the stages of the Examination will be purely PROVISIONAL subject to satisfying the prescribed eligibility test. Mere issue of admission certificate to the candidate will not imply that his /her candidature has been finally cleared by the Commission.
8. A Candidate who is or has been declared by the Commission to be guilty or any attempt on his/her part to obtain support for his/her candidature by any means shall render him/her liable to be disqualified for admission to the competitive examination.

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9. (a) Mobile phones, Pagers or any other communication devices are not allowed inside the premises where the examination is being conducted. Infringement of these instructions shall entail appropriate action including ban from taking the examinations.
- (b) Candidates are advised in their own interest not to bring any of the banned items including mobile/phones/pagers to the venue of the examination, as arrangement for safe keeping cannot be assured.
- (c) Candidates are advised not to bring any valuable/costly items to the examination halls, as safe keeping of the same cannot be assured. Commission will not be responsible for any loss in this regard.
10. The Commission shall have the discretion to fix the qualifying marks in any or all subjects in the written Examination.
11. A candidate, who obtains such minimum qualifying marks in the written examination, as may be fixed by the Commission, shall be called for interview. In the interview, marks shall be assigned by the Commission at their discretion.
12. The form and manner of announcement of results of the examinations shall be decided by the Commission. The Commission will not enter into any correspondence with any candidate regarding results.
13. After the examination and interview, the names of the successful candidates will be arranged by the Commission in the order of merit based on marks awarded to each candidate. Candidates shall be considered for appointment to the available vacancies in the order in which their names appear in the merit list.
14. A candidate who is or has been declared by the Commission guilty of impersonation or of submitting false and fabricated documents which have been tampered with or of making statements which are incorrect or false or of suppressing material information or of attempting to use unfair means in the examination hall or otherwise, or resorting to any or other irregular or improper means for obtaining admission to the examination hall may, in addition to rendering himself liable to criminal prosecution, be debarred:-
- (a) By the Commission permanently or for specified period for admission to any examination or appearance at any of the interviews held by the Commission for selection of candidates,
- (b) By the State Government from any employment under them.
15. Candidates, already in Government service or in government owned undertaking or similar organization, whether in permanent or temporary capacity or as work charged employee shall be, required to submit their application alongwith No objection Certificate of their employer.
16. Success in the examination confers no right to appointment unless Government is satisfied after such enquiry as may be considered necessary that a candidate having regard to his/her character and antecedents is suitable in all respect for appointment.

17. A candidate must be in good health and free from any physical defect likely to interfere with the discharge of his duties as an officer of the Service. A candidate who (after such medical examination as may be prescribed by the competent authority) is found not to satisfy these requirements will not be appointed.
18. If a candidate's handwriting is not legible, a deduction may be made in this account from the total marks otherwise accruing to him/her.
19. No travelling and daily allowance will be paid for the journey performed in connection with the examination, interview and medical examination. All other matters not specified or for which no provision has been made in these rules shall be regulated by rules and orders applicable to the Service to which recruitments are being made.
20. The candidate must obtain the qualifying marks decided by Sikkim Public Service Commission in the written examination.
21. The candidate on selection and during the period of probation/apprenticeship/training, pay shall be governed by the Notification No. 489/GEN/DOP, dated 31/10/2011.
22. Scheme/pattern of Examination will be determined by the SPSC.

By order and in the name of the Governor.



UNDER SECRETARY TO THE GOVERNMENT

Copy to:-

1. Controller of Exams, SPSC,
2. File and,
3. Guard file.

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SCHEME AND SYLLABUS OF EXAMINATION FOR THE PURPOSE OF FILLING UP THE POST OF ASSISTANT ENGINEER (AGRICULTURE) IN THE SIKKIM STATE AGRICULTURE SERVICE

1. The examination will consist of 2 papers:-

PAPERS	SUBJECT	FULL MARKS	TIME ALLOWED
PAPER-I	General English & General Knowledge	100 MCQ & Conventional	2.00 hours.
PAPER-II	Agriculture Engineering	300 MCQ & Conventional	3.00 hours.
VIVA-VOCE		- 50 marks	

2. PAPER-I: GENERAL ENGLISH

The question will be designed to test the candidate's understanding and command of the English language. The patterns of questions would be broadly as follows:-

1. Comprehension of given passage.
2. Précis writing.
3. Usages and Vocabulary.
4. Essay.

General Knowledge:

1. Current events of Local, National & International importance.
2. National level Schemes & Projects undertaken by Government of India.

PAPER-II: AGRICULTURE ENGINEERING

The questions will be conventional type and will cover areas of knowledge of the following subject and topics:-

1. Soil and Water Conservation ; Definition and scope of soil conservation, mechanics and types of soil erosion, their causes, Hydrologic cycle, rainfall and runoff-factors affecting them and their measurements, stream gauging-evaluation of runoff from rainfall, erosion control measure-Biological and Engineering.

Basic open channel hydraulic, design of soil conservation structures-terraces, bunds, outlets and grassed waterways, principles of flood control, flood routing. Design of farm ponds and earth dams, stream bank erosion and control. Wind erosion and its control principles of watershed management. Investigation and planning in River Valley Projects.

3. Irrigation and drainage-soil-water-plant relationships, sources and types of irrigation. Planning and design of minor irrigation projects. Techniques of measuring soil moisture.

Duty of water-consumptive use. Water requirements of crops measurements and cost of irrigation water, measuring devices-flow through orifices, wires and flurnes leveling and layouts of irrigation systems, design and construction of canals, field channels, pipe lined head gates diversion boxes structures and road crossing. Occurrence of ground water. Hydraulies of wells. Types of wells, their construction and drilling methods. Well development, testing of wells.

Drainage - Definition - causes of water logging, methods of drainage, drainage of irrigated lands. Design of surface and sub-surface systems.

- 3. Building materials - Kinds of building materials, their properties, timber brickwork and R.C. Construction design of column beams, roof trusses, joints. Layout of a farmstead, design of farm houses, animal shelters and storage structures, rural water supply and sanitation.

Farm power and machinery - Construction of different types of internal combustion engines. Ignition fuel lubrication cooling and governing system of IC engines. Different types of tractors. Chasis transmission and steering farm machinery for primary and secondary tillage seeding machinery interculture tools and machinery plant protection equipment. Harvesting and thresing equipment machinery for land development. Pumps and pumping machinery.

Electricity and rural electrification - Power generation of transmission, distribution of electricity for rural electrification, AC & DC circuit.

Uses of electric energy on the farm electric motors used in agriculture - types, selection and maintenance.

APPENDIX-II

CONDITIONS OF ELIGIBILITY FOR APPEARING IN THE EXAMINATION

In order to be eligible to appear in the Competitive Examination, a candidate must satisfy the following conditions, namely:-

- (1) **Minimum educational qualification** Bachelor in Engineer (Agriculture) from a recognized University.
- (2) **Age** Age between 21 to 40 years for all communities of the State as per Notification No: M (3)/(55)/GEN/DOP/Pt-III Dated: 03/07/2017.
- (3) **Other qualification** (i) Should be conversant with the customs and usages of Sikkim. (ii) Should have knowledge of any of the recognized State languages. (iii) Should have local Employment Card.