

**NAGALAND UNIVERSITY RECRUITMENT SYLLABUS FOR AGROMET OBSERVER
IN KRISHI VIGYAN KENDRA**

MARKS - 100.

| | Mode of Examination Written Test | Scheme | No. of Questions | Marks |
|-------------------------------------|-------------------------------------|---------------------------------------|------------------|------------|
| General Awareness and Aptitude Test | MCQ | a) General Intelligence and Reasoning | 10 (1 x 30=30) | 30 |
| | | b) General Awareness | | |
| | | c) Quantitative Aptitude & ability | 10 (1 x 10=10) | 10 |
| | | d) Language Skills/ Basic Grammar | 10 (1 x 10=10) | 10 |
| Science test | MCQ | e) Class XII syllabus (PCBM) | 25 (1x 25=25) | 25 |
| Computer test | MCQ | f) Computer Knowledge | 25 (1x 25= 25) | 25 |
| TOTAL | | | | 100 |

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A) General Intelligence & Reasoning

This component may include questions on analogies, similarities and differences, space visualization, spatial orientation, problem analysis, judgment, decision making, visual memory, discrimination, observation, relationship concepts, arithmetical reasoning and figural classification, arithmetic number series, non-verbal series, coding and decoding, statement conclusion, syllogistic reasoning, etc.

B) General Awareness

Questions in this component will be aimed at testing the candidate's general awareness of the environment around and its application to society. It will also be designed to test the knowledge of current events and of such matters of every day observations and experiences in their scientific aspect as may be expected of any educated person. The test will also include questions relating to India and its neighbouring countries especially pertaining to History, Culture, Geography, Economics, General Policy & Politics and Scientific Research.

C) Quantitative Aptitude & ability

Questions will be designed to test the ability of appropriate use of numbers and number sense of the candidate. The scope of the test will be the computation of whole numbers, HCF & LCM, Decimals, Percentage, Ratio & Proportion, Averages, Interest, Profit and Loss, Time and distance, Time & Work, Heights and Distances, Bar diagram & Pie chart. Questions will be designed to test the ability of appropriate use of numbers and number sense of the candidate. The scope of the test will be the computation of number systems, LCM, Decimals, Percentage, Averages, Profit and Loss, Time and distance, Heights and Distances.

D) Language Skills/ Basic Grammar

Questions in this component will be aimed at testing the language proficiency, especially the basic grammar and vocabulary: Prepositions, Articles, Modals, Verbs & Subjects, Adverbs, Adjectives, Parts of Speech, Tenses, Antonyms & Synonyms, and Idioms.

E) Class XII syllabus:

Questions in this section will be aimed at testing the knowledge in Physics, Chemistry, Biology and Mathematics.

F) Computer Syllabus:

| Sl. No | Overview | Topics covered |
|--------|-----------------------|--|
| 1 | Computer fundamentals | Functions, applications, classification and components of computer, various types of devices and concepts of windows in detail |
| 2 | Office Automation | Aspects of Microsoft tools in details like MS-Word, MS-Excel, MS-PowerPoint, etc. |
| 3 | Network Fundamentals | Network devices, types of networks, internet and intranet and network protocols and anti-virus |
| 4 | Web design | Working of HTML in detail, phrase tags, meta tags, hyperlinks and frame management |
| 5 | Java Script | Basics of JavaScript, JavaScript Syntax, placing JavaScript, cookies, page redirection, dialog box and xml fundamentals |
| 6 | Database System | Data models, RDBMS, table design, key, data definition language, data control language SQL queries |
| 7 | App development | Introduction to programming, PHP basics, PHP advanced, PHP database connectivity, PHP database management |

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