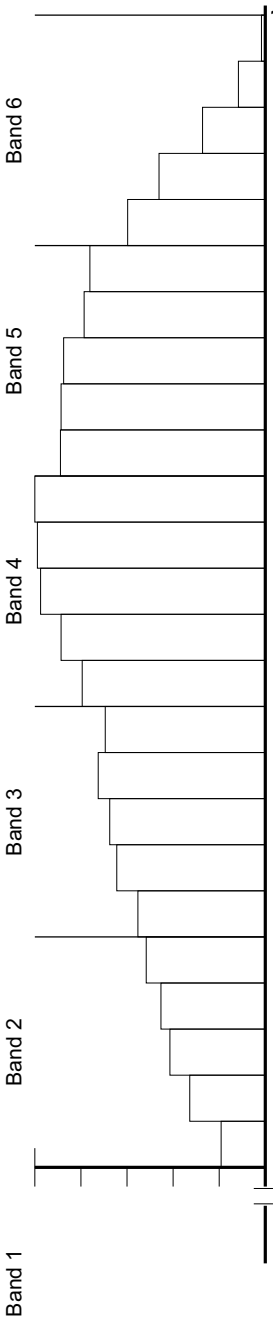
2024 Course Report

Chemistry

State Distribution | **The typical performance in this band:**



100 – Demonstrates an extensive knowledge and understanding of scientific concepts including complex and abstract ideas. Communicates scientific understanding succinctly, logically, and consistently using correct and precise scientific terms and nomenclature in a variety of formats and contexts. Designs and plans investigations to obtain accurate, reliable, valid and relevant data, evaluating risks, and consistently responds to new evidence. Selects, processes, and interprets accurate, reliable, valid, and relevant data, and represents it using a range of scientific formats to derive trends, patterns and relationships, explain phenomena, and make predictions. Designs solutions to scientific problems, questions, or hypotheses using selected accurate, reliable, valid, and relevant data, and scientific evidence. Applies knowledge and information to unfamiliar situations to propose comprehensive solutions or explanations.

90 – Demonstrates thorough knowledge and understanding of scientific concepts including complex and abstract ideas. Communicates scientific understanding, logically, and effectively using correct scientific terms and nomenclature in a variety of formats and contexts. Designs and plans investigations to obtain accurate, reliable, valid and relevant data, evaluating risks, and responds to new evidence. Selects, processes, and interprets accurate, reliable, valid, and relevant data, and represents it using a range of scientific formats to derive trends, show patterns and relationships. Designs solutions to scientific problems, questions, or hypotheses using selected accurate, reliable, and valid data, and scientific evidence. Applies knowledge and information to unfamiliar situations to propose explanations.

80 – Demonstrates sound knowledge and understanding of scientific concepts. Communicates scientific understanding effectively using scientific terms and nomenclature. Designs and plans investigations to obtain data and evaluates risks. Processes and interprets data, and represents it using a range of scientific formats. Identifies scientific problems, questions, or hypotheses and applies processes, and formats to data. Applies knowledge and information relevant to scientific issues or scenarios.

70 – Demonstrates basic knowledge and understanding of scientific concepts. Communicates scientific understanding using basic scientific terms and nomenclature. Implements scientific processes to obtain data and identifies risks. Processes data, and represents it using scientific formats. Responds to scientific problems, questions, or hypotheses. Recalls scientific knowledge and information.

60 – Demonstrates limited knowledge and understanding of scientific concepts. Communicates scientific understanding using limited scientific terms. Partially outlines investigations to obtain data and information. Provides simple descriptions of scientific phenomena. Recalls basic scientific knowledge and information.

50 – Performance reported as Band 1 typically indicates that the minimum standard expected was not demonstrated.

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The candidature of this course was 9,722.