Score Descriptors – EmSAT PHYSICS

EmSAT Physics	Level Descriptors
1500+	Demonstrates comprehensive knowledge in general physics. Understands relevant information, concepts and principles in a wide variety of contexts. Analyses and evaluates quantitative and/or qualitative data thoroughly. Understands complex phenomena and makes appropriate predictions. Solves most quantitative and/or qualitative problems proficiently.
1300 - 1475	Demonstrates very broad knowledge in general physics. Understands relevant information, concepts and principles in most contexts. Analyses and evaluates quantitative and/or qualitative data with a high level of competence. Solves basic or familiar problems and most new or difficult quantitative and/or qualitative problems.
1100 - 1275	Demonstrates broad knowledge in general physics. Shows sound understanding of most concepts and principles and applies them in some contexts. Analyses and evaluates quantitative and/or qualitative data competently. Solves most basic or familiar problems and some new or difficult quantitative and/or qualitative problems.
900 - 1075	Demonstrates reasonable knowledge in general physics. Shows adequate comprehension of most basic concepts and principles but with limited ability to apply them. Demonstrates some analysis or evaluation of quantitative and/or qualitative data. Solves some basic or routine problems but shows limited ability to deal with new or difficult situations.
700 - 875	Demonstrates limited knowledge in general physics. Shows a partial comprehension of basic concepts and principles and a weak ability to apply them. Shows some ability to manipulate data and solve basic or routine problems.
500 - 675	Demonstrates little knowledge in general physics. Shows weak comprehension of basic concepts and principles with little evidence of application. Exhibits minimal ability to manipulate data and little or no ability to solve problems. Gives responses that are often incomplete or irrelevant.
< 500	Demonstrates very little knowledge in general physics. Shows none or very weak understanding of any concepts or principles. Gives responses that are mostly incomplete or irrelevant.