Science Mid-Term Exam Matrix Level 8

No.	Topic	Test Indicators
1	**Cells and Microscopes**	Identify, determine, and explain the functions of cell organelles and microscope parts based on a given diagram.
		Identify types of microscopes and calculate total magnification.
		Identify parts of a cell and their functions.
		State the characteristics of prokaryotic and eukaryotic cells.
		Identify cell organelles present in plant cells and animal cells.
2	**Digestive System**	Identify organ-producing digestive enzymes and the specific functions of these enzymes.
		Explain the mechanisms of digestion, including mechanical and chemical processes.
		Analyze the results of food sample tests (food test analysis).
		Identify, explain, and determine the parts and functions of digestive organs.
		Explain the impacts, diseases, and disorders affecting the digestive system.
3	**Respiratory System**	Identify, explain, and determine the parts and functions of respiratory organs.
		Explain the mechanism of breathing (inhalation and exhalation).
		Analyze disorders and diseases related to the respiratory system.