

Unit 9

Nature of Science

Sr. No.	Questions	A	B	C	D
1	Physics is a branch of:	Social science	Life science	Physical science✓	Biological science
2	Which branch of science plays vital role in technology and engineering?	Biology	Chemistry	Geology	Physics✓
3	Automobile technology is based on:	acoustics	electromagnetism	optics	thermodynamics✓
4	A user friendly software application of smart phone use:	laser technology	information technology✓	medical technology	electronic technology
5	The working of refrigeration and air conditioning involves:	electromagnetism	mechanics	climate science	thermodynamics✓
6	What is the ultimate truth of a scientific method?	Hypothesis	Experimentation	Theory	Law✓
7	The statement "If I do not study for this test, then I will not get good grade" is an example of:	theory	observation	prediction✓	law
8	Which of the following are methods of investigation?	Observation	Experimentation	Research	All of these✓
9	A hypothesis:	may or may not be testable	is supported by evidence	is a possible answer to a question	all of these✓
10	A graph of an organized data is an example of:	collecting data	forming a hypothesis	asking question	analyzing data✓
11	The colour of a door is brown. It is an example of:	observation✓	hypothesis	prediction	law