

ALLAMA IQBAL OPEN UNIVERSITY

LEVEL	M.A/M.ED	SEMESTER	Autumn 2021
PAPER	TEACHING STRATEGIES IN SCIENCE EDUCATION (696)	TIME ALLOWED	3 Hours

NOTE: ATTEMPT ANY FIVE QUESTION.

Q.NO.	QUESTIONS	MARKS
Q.NO.1	Explain the concept of knowledge of nature of science and its application in teaching of science of secondary level ?	20
Q.NO.2	Elaborate learning cycle in detail : provide example to explain each phase ?	20
Q.NO.3	Difference between instructional objective and learning outcomes. Explain Bloom's Cognitive domain for writing learning outcome ?	20
Q.NO.4	Write the principles of effective use textbook in science classroom. Also highlight the issues in implementation of these principles ?	20
Q.NO.5	Elaborate different types of demonstration techniques for teaching of science at secondary level?	20
Q.NO.6	Explain the use of guided discovery for teaching of science at by providing example from the content of secondary level?	20
Q.NO.7	How problem solving programs are better than tutorial programs? Elaborate the importance of technology integration for science teaching?	20
Q.NO.8	Highlight strategies for individualizing science teaching at secondary level ?	20