

ALLAMA IQBAL OPEN UNIVERSITY

LEVEL	M.A/M.ED	SEMESTER	AUTUMN 2018
PAPER	TEACHING STRATEGIES IN SCIENCE EDUCATION (696)	TIME ALLOWED	3 Hours

NOTE: ATTEMPT ANY FIVE QUESTION.

Q.NO.	QUESTIONS	MARKS
Q.NO.1	a) How nature of science helps to enhance understanding of science. b) How nature of science knowledge help to enhance instructional delivery.	20
Q.NO.2	What is relationship of aims and philosophy of science teaching. Differentiate between moving and manipulating. Also give examples from science education.	20
Q.NO.3	What is cooperative learning. Explain its four basic elements with the help of examples.	20
Q.NO.4	How science projects and science exhibitions are helpful in developing conceptual understanding of science process.	20
Q.NO.5	Write implications of guided discovery for your science teaching.	20
Q.NO.6	a) Develop sample questions based upon process of science. b) Differentiate convergent questions and divergent questions with the help of examples.	20
Q.NO.7	What are approaches to individualized science teaching. Explain each to support your answer.	20
Q.NO.8	This is the era of ICT (information and communication technology). How computer and internet help in retrieving desired information.	20