

ALLAMA IQBAL OPEN UNIVERSITY

LEVEL	M.A/M.ED	SEMESTER	SPRING 2019
PAPER	FOUNDATION OF SCIENCE EDUCATION (695)	TIME ALLOWED	3 Hours

NOTE: ATTEMPT ANY FIVE QUESTION.

Q.NO.	QUESTIONS	MARKS
Q.NO.1	Describe the Quranic perspective for the acquisition of knowledge.	20
Q.NO.2	Explain the contributions of Muslims in Mathematics and Physics.	20
Q.NO.3	Compare and contrast Bacon's and Descartes philosophy of science.	20
Q.NO.4	What is realism. Explain its role in the development of science.	20
Q.NO.5	Explain Bruner's theory of discovery learning.	20
Q.NO.6	What is the origin of constructivism? Describe in detail varieties of constructivism.	20
Q.NO.7	a) Explain in detail roots of constructivism. b) write a detailed note on science for social construction.	20
Q.NO.8	a) Discuss the social constraints in successful implementation of science for development. b) Write a detailed note on the future trends in science education.	20