

# ALLAMA IQBAL OPEN UNIVERSITY

<b>LEVEL</b>	<b>M.A/M.ED SPECIAL EDUCATION</b>	<b>SEMESTER</b>	<b>SPRING 2019</b>
<b>PAPER</b>	<b>FOUNDATIONS OF SCIENCE EDUCATION(0695)</b>	<b>TIME ALLOWED</b>	<b>3 Hours</b>

**NOTE: ATTEMPT ANY FIVE QUESTION.**

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