

# ALLAMA IQBAL OPEN UNIVERSITY

<b>LEVEL</b>	<b>M.A/M.ED ( SCIENCE EDUCATION)</b>	<b>SEMESTER</b>	<b>SPRING 2022</b>
<b>COURSE CODE</b>	<b>FOUNDATIONS OF SCIENCE EDUCATION (695)</b>	<b>MAX.MARKS</b>	<b>100</b>
<b>TIME ALLOWED</b>	<b>03 HOURS</b>	<b>PASS.MARKS</b>	<b>40/50</b>

**NOTE : ATTEMPT FIVE QUESTION.ALL CARRY EQUAL MARKS.**

<b>Q.NO.</b>	<b>QUESTIONS</b>	<b>MARKS</b>
<b>Q.NO.1</b>	Explain the concepts of Quran and science by comparing their authenticity.	<b>20</b>
<b>Q.NO.2</b>	Describe Muslim contributions in science in medicine, science, and technology.	<b>20</b>
<b>Q.NO.3</b>	Explain the term 'Constructive Empiricism'. Also describe its implications in science education.	<b>20</b>
<b>Q.NO.4</b>	Describe logical positivism as a school of thought 20 <sup>th</sup> century.	<b>20</b>
<b>Q.NO.5</b>	Explain the key features and uses of Ganges Hierarchy of learning theory.	<b>20</b>
<b>Q.NO.6</b>	Describe the information processing theory of human mind. Also explain how different components of memories work under the general model of information processing theory.	<b>20</b>
<b>Q.NO.7</b>	What relationship between society and science? How can science work for social reconstruction in society.	<b>20</b>
<b>Q.NO.8</b>	Debate the globalization of science education for development.	<b>20</b>