

# ALLAMA IQBAL OPEN UNIVERSITY

<b>LEVEL</b>	<b>M.A/M.ED</b>	<b>SEMESTER</b>	<b>Autumn 2021</b>
<b>PAPER</b>	<b>ASSESSMENT IN SCIENCE EDUCATION (697)</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>	Differentiate the terms evaluation and assessment. Discuss the importance of formative assessment for effective teaching of science ?	<b>20</b>
<b>Q.NO.2</b>	Define Reliability and explain several approaches for ensuring reliability of a test?	<b>20</b>
<b>Q.NO.3</b>	What is assessment information? How can it be utilized for change of teaching strategies?	<b>20</b>
<b>Q.NO.4</b>	How can we effectively use the direct observation in teaching of science? Discuss.	<b>20</b>
<b>Q.NO.5</b>	Define higher ability skills. How these skills could be assessed in science learning?	<b>20</b>
<b>Q.NO.6</b>	Enlist the key practical skills and abilities necessary for science student. How these skills can be measured at secondary level?	<b>20</b>
<b>Q.NO.7</b>	Give the rational for the need to evaluate effective objectives and abilities in your local context ?	<b>20</b>
<b>Q.NO.8</b>	Briefly describe the prevailing students' assessment system in Pakistan. Discuss some important factors influencing this system?	<b>20</b>