

ALLAMA IQBAL OPEN UNIVERSITY

/LEVEL	MA/M.ED	SEMESTER	SPRING 2019
PAPER	TEACHING OF MATHEMATICS (6515)	MAXIMUM MARKS	100
TIME ALLOWED	03 HOURS	PASS. MARKS	40

NOTE : ATTEMPT ANY FIVE QUESTION

Q.NO.1	Define correlation. What are different types of correlation. How is mathematics correlated with our subjects.	20
Q.NO.2	Differentiate drill and project method of teaching mathematics. Describe their merits and demerits.	20
Q.NO.3	Explain what are basic steps to represent an instructional material in teaching mathematics.	20
Q.NO.4	Differentiate evaluation and assessment. What are different assessment strategies.	20
Q.NO.5	Prepare a lesson plan on topic "trigonometrical" identities.	20
Q.NO.6	What are methods of scoring essay items. Write guidelines to consider with respect to scoring of essay test.	20
Q.NO.7	Verify the distributive property of union over intersection for the following sets: a. $A = \{ 1,2,3,\dots,50\}$ b. $B = \{1,3,5,7,\dots,49\}$ c. $C = \{2,4,6,8,\dots,50\}$	20
Q.NO.8	If $\sin 45$ and $\cos 45$ equal to $\frac{1}{2}$ each, then find the values of the following: 1- $2\sin 45 + 2\cos 45$ 2- $3\cos 45 + 4\sin 45$ 3- $5\cos 45 - 3\sin 45$	20