Paper / Subject Code: 13112 / Pedagogy of School Subject-II Mathematics

Time: 2 Hours	Marks: 60
N.B.:	a the sa
1. Attempt any five questions from Q. 1 to Q. 8.	8° 5°
2. Q. 9 is compulsory.	\$ 3°
3. Marks are indicated against each question.	Start Son Co
	25
1. 'Mathematics club facilitates education and recreation.' Elaborate with refer	ence to the importance
and activities of the mathematics club.	10
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2. Elucidate the importance of maxims of teaching. Illustrate any two maxims of	of teaching
mathematics.	10
3. 'Teachers of mathematics should make consistent efforts for their continuous	professional
development'. Justify with reference to the need and avenues for continuous p	
development.	10
A. Explain with suitable examples the inductive deductive method of teaching m	
Explain with suitable examples the inductive deductive method of teaching in	10
Evaluit and two values of the chine well-ametics with examples	10
Explain any two values of teaching mathematics with examples.	10
6 Explain Becher - Biglan typology of classification of academic discipline. 7. What is Geogebra? How would a teacher use Geogebra in teaching mathemat	
what is deogeora? How would a teacher use deogeora in teaching madicinal	dies.
8 What is pedagogical analysis? Write the instructional objectives and instruction	nal strategies for a tonic
in mathematics.	10
in matiemates.	10
9. Attempt briefly any two of the following:	10
a. Nature of mathematics.	10
b. Place of mathematics in the present school curriculum.	
c. Drill as a useful technique of teaching mathematics.	
d. Contribution of Ramanujan in mathematics.	
Controlled of Ramangan in matternation.	
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Page 1 of 3