

Designing Curricula of Mathematics, which Produce Leader-Integrator of Tomorrow

Syed Arif Kamal, *Journal of Education and Research*, 3: 13-44, 2015

ADDITIONAL FILE: INTERVIEW FORMAT FOR TEACHING ASSISTANTS IN MATHEMATICS

Job Announced	TEACHING ASSISTANT (MATHEMATICS)						
Date & Time of Interview ^v							
Venue	Office of the Chairman, Department of Mathematics, University of Karachi						
Name of Candidate [#]							
	Technical Skills			Performance Skills			Innovative Skills
Interview Structure	(Subject)			(Managerial)			(Out-of-the-Box Thinking)
Introduce Panel	Horizontal (x) axis	Résumé	Actual	Vertical (y) axis	Résumé	Actual	Normal (z) axis ^{&}
Rapport-Building Question [£]	Right Concepts			Concept Building			
Open-Ended Question [§]	Numeracy			Concept Mapping			
Specific Examples [§]	Problem Formulation			Generating Questions			
Allow Silence/Maintain Control	Problem Solving			Handling Questions			
Contrary Evidence [©]	Creative Thinking			Handling Large Class			
Proper Conclusion ^v	Critical Analysis			Handling Smart Students			
	Equation Formulation						
Knowledge	Interpretation of Graphs			Handling Trouble-Making Students			
MPhil candidate in Mathematics	Time Management			Motivating Students			
(course work completed with 3 GPA)	Chalkboard Organization			Creating Leaders			
	Lecture Planning			Guiding (Academic)			
Attitude	Lecture Organization			Guiding (Career)			
Grooming/Tidiness	Covering Entire Syllabus			Character Building			
Punctuality	Continuous Assessment			Cultivating Emotional Intelligence			
Confidence/Posture/Gait	Classroom Layout						
Positive/Negative Thinker	Oral Communication			Cultivating Relationship Strategies			
Determination	Research Methodology						
Perseverance	Project Management						

^vBasic Principle: Past behavior is the best indicator of future performance.

[#]All names must be written in BLOCK LETTERS.

[£]To make the candidate comfortable

[§]Generalities

[§]Past examples

[©]Learn to interpret the answers

^vPlenty of questions

[&]Innovative skills, normal (z) axis, are open-ended

Marks out of 100 _____

Marks out of 100 _____

Marks out of 100 _____

Member

Member
Recommended/Not Recommended

Member

Chairman of the Interview Board

Web address of the main document (on author's homepage): <http://www.ngds-ku.org/Papers/J39.pdf>

Web address of this document: http://www.ngds-ku.org/Papers/J39/Additional_File.pdf