

National University of Computer & Emerging Sciences, Karachi Campus



GRAPH THEORY QUIZ-03 [Max Marks:15]

2022	Sections: 5B,5D,5F	Date: November 25th,
Name:	R	toll#:

Q.1 [5 marks] A school has vacancles for seven teachers, one for each of the subjects Chemistry, English, French, Geography, History, Mathematics and Physics. There are seven applicants for the vacancies and all are qualified to teach more than one subject. The applicants and their subjects are listed in the table below, determine the maximum number of (suitably qualified) teachers the school can employ.

Applicants	Subjects qualified	
Miss Adilah	Mathematics, Physics	
Miss Boey	Chemistry, English, Mathematics	
Miss Doraisamy	Chemistry, French, History, Physics	
Mr. Richmond	English, French, History, Physics	
Mr. Singh	Chemistry, Mathematics	
Mr. Tan	Mathematics, Physics	
Mr. Wong	English, Geography, History	



