King Saud University

College of pharmacy

Lab exam PHC 213

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| Name : ID :  |

Put (T) or (F) : Q1-

1-The number of theoretical plates characterizes the efficiency of a column ( )

2-Qualititive analysis in spectrophotometer depends on retention time ( )

Q2- complete the following :

1-In HPLC , Solvents must be \_\_\_\_\_\_\_\_\_\_\_ to eliminate formation of bubbles .

2- \_\_\_\_\_\_\_\_\_ Cell used in UV spectrophotometer while in visible spectrophotometer used \_\_\_\_\_\_\_\_ cell .

Q3- circle the correct answer :

1- The blank for a spectrophotometer should be composed of :

 A)\_ Water

 B)\_ empty cell

 C)\_ liquid as define in experiment procedure

2- Example of reverse –phase HPLC is :

 A)\_ silica gel.

 B)\_ silica gel – C18

 C)\_ all of above