Exercise 1)

1. EASY QUESTION
   stays AEISY QUESTION
   AEEY QUSSTION
   AEEIQUSSTYON
   AEEINUSSTYOQ
   AEEINOSSTYUQ
   stays AEEINOQSTYUS
   AEEINOQSSYUT
   AEEINOQSSTUY ✓

2. EASY QUESTION
   AESYQUESTION
   AEQSYUESTION
   AEQSUYESTION
   AEEQSUYSTION
   AEEQSUUYTION
   AEEQUSSTYION
   AEEIQUSSTYON
   AEEIOQUSSTYN
   AEEINOQUSSTY ✓

3. h=13   EASY SHELLSORT QUESTION

EASY SHELL SORTQUESTION

EAEY SHELLSORTQUSTION

EAESS HELLSORTQUYTION   ✓

h=4   EAESS HELSORTQUYTION

EAELSHESSORTQUYTION   (the shellsort h=4 until 4 works)

EAELSHESSORTQUYTION

EAELQHESSORTSUYTION

EAELIHESSORTSUYTQON

EAELIHESSORTSOYTQUN

EAELIHESSONTSOYTQUR   ✓

h=1   EAELIHESSONTSOYTQUR

AEELIHESSONTSSOYTQUR

AEEILHESSONTSSOYTQUR

AEEHILESSONTSSOYTQUR

AEEEHILSSIONTSSOYTQUR

AEEEHILOSSNTSSOYTQUR

AEEEHILNOSSTSSOYTQUR

AEEEHILNOSSSTSOYTQUR

AEEEHILNOSSSSTOYTQUR

AEEEHILNOOSSSSTY|TQUR

AEEEHILNOOSSSSTTYQUR

AEEEHILNOOQSSSSTTAYR → AEEEHILNOOQRSSSSTTUY ✓