

be incorporated into each machine produced which would make any document traceable.

Ironically, it was after years of collaborating with printing companies to reduce banding and thus increase the quality of prints, that he came up with the idea of introducing artificial banding that could encode identification information into a document. Using the banding patterns of printers to secure documents would be both cheap to implement and hard, if not impossible, for those without specialist knowledge and hardware to hide out.

Not surprising, the American Secret Service is monitoring the progress of this research very closely, and is providing guidelines to help Dr. Chiu to travel in what the service thinks is the right direction, which is fine for catching criminals. But how the legal users of printers will react to Big Brother being able to track any document back to its source remains to be seen.

注意:此部分试题请在答题卡 2 上作答。

51. By saying “No document is safe any more”, the author probably means _____.

- A) cheap printers make it easier to forge documents
- B) the American Secret Service can trace any document
- C) every printed document will be secretly marked out
- D) counterfeiters have more advanced technologies to use

52. The core of both the old and the new ways of anti-faking is _____.

- A) the quirks of the keys of the typewriters
- B) the subtle defects of printing devices
- C) the drums and mirrors inside the printers
- D) the special skills of the experts

53. According to Dr. Chiu, it's possible to track any paper by _____.

- A) making imperfections of all the machines randomly
- B) finding the guilty creator of the counterfeit document
- C) allowing more imperfectly designed printers to be sold
- D) marking all the printers in a special way

54. The advantage of using banding patterns to trace documents is that _____.

- A) it is economically affordable and technically practical
- B) it strengthens the cooperation among printing companies
- C) it makes printers cheaper but harder to be taken around
- D) it is able to identify even the most specialized criminals

55. It can be inferred from the last paragraph that _____.

- A) Dr. Chiu will be remembered for his contribution
- B) tracking all documents might result in controversies
- C) the American Secret Service is funding Dr. Chiu's research
- D) printer manufacturers don't like implementing deliberate banding patterns

Part IV Translation (30 minutes)

Directions: For this part, you are allowed 30 minutes to translate a passage from Chinese into English. You should write your answer on **Answer Sheet 2**.

苏州地处长江下游,气候温和,土地肥沃,再加上湖泊密布、水道纵横,自唐代以来就有“鱼米之乡”(a land of milk and honey)的美称。历史记载表明,早在两千多年前的春秋战国时期,这一带的渔业和农业就已经相当发达。苏州还是一个多水多桥、引人入胜的风光城市。居民住房前有街、后门临桥,水道、街坊相交处都建有桥梁。现存的宋代石刻《平江图》(The Map of Pingjiang District)上标注的就有 304 座桥。