**Q1 (2 points): What was the motivation for the introduction of higher-level programming languages? How did that change computing?**

To automate the code writing process by reducing time required and possible human errors. FORTRAN was developed to meet these needs and it was so successful that it became the international standard.

**Q2 (2 points): Give two specific examples of how the introduction of Morse’s telegraph impacted life in America**

The Pony Express went out of business since it was obsolete. Fire alarms rigged to telegraphs notified fire departments increasing the rate of response.

**Q3 (2 points): What is a search engine? Describe the two types of search engines**

A program that uses keywords entered by a user, to search a database and return the most relevant material.

1. Web crawler jumps through hyperlinks and constantly maps a database from the Web
2. This type relies on humans to seek and submit results to a database. A keeper can choose to add these results if they are relevant. Humans can create more accurate connections, however this method is tedious and can only cover a fraction of the Web.

**Q4. (1 point) The two principal catalysts for the Information Age have been**

e. computers and communication networks.

**Q5. (1 point) Which of the following were activities of the People’s Computer Company, a not-for-profit corporation in the San Francisco area? (check all that apply)**

* 1. Publishing a newspaper containing the source code to programs
  2. Allowing people to rent time on a time-shared computer
  3. Hosting Friday-evening game-playing sessions
  4. Promoting a culture in which computer enthusiasts freely shared software

**Q6. (1 point) Interpersonal skills are critical for (check all that apply)**

a. Team building

b. Negotiating

c. Influencing

**Q7. (1 point) The personality types that are most likely to have difficulty communicating with each other are: (check any that applies)**

b. Expressive and Analytical

c. Amiable and Driver