

Answer Key

Multiple Choice

1. c.
2. c.
3. b.
4. b.
5. d.
6. c.

Short Answer

1. Individual response
2. Individual response
3. Individual response
4. A standardized test is designed so that most students score in the middle range while exceptional students stand out at the top and an approximately equal number of the poorest students get the lowest scores.
5. Blood pressure readings are suitable for expression as a standard normal distribution because in a particular age group, most people have about the same blood pressure while just a subset of people have very low or very high blood pressure readings.
6. Eye color does not have a continuous range of values like, for example, height. An adult human's height can range from three feet to over 7 feet with every value in between whereas eye color can only be blue, brown or green. There is no connection between blue eyes and brown eyes to link them together with a curve.
7. Individual response