

Technology Assessment Answer Key—Part 1

1. This person's invention of this type of printing press marks the official beginning of what has become known as this period. (Gutenberg's, movable type, early modern)
2. In this year, this German printer advanced media production even further by hooking up this technology to a printing press, which did this to the number of pages a printing press could produce in an hour. (1810, Friedrich Koenig, a steam engine, doubled)
3. Technological advances in this century, which included this and this, made book publishing simpler and more profitable. (19th, machine-made paper, Linotype typesetting machines)
4. In the middle of this century, this medium used the services of this type of company to get this from cities around the globe, but the high cost of doing so led to the formation of this cooperative arrangement between five major media firms. (19th, newspapers, telegraph, up-to-date news, the Associated Press)
5. Near the end of this century, this medium experienced a sharp increase in popularity when this type of paper made producing magazines cheaper and this kind of content attracted readers seeking entertainment. (19th, magazines, wood-pulp, all-fiction)
6. This kind of electronic communication has existed since the middle of this century and is best represented by this kind of technology, which communicates messages through a series of long and short clicks. By this decade, this same technology was used to develop this important personal communication device. (long distance, 19th, the telegraph, the 1870s, the telegraph, the telephone)
7. In this year, this inventor and his assistant produced this new technology, a camera used to capture images for a device called this, which would become the predecessor to this kind of projector. (1891, Thomas Edison, kinoscope, kinetograph, motion picture)
8. These two types of media, the first major types that were not based on this process, exploded in popularity in the early decades of this century. (film and radio, printing, 20th)
9. This invention and this invention, both developed in the 1970s, were major steps along the way to this age. (random access memory chips, microprocessors, the Internet age)

10. In this decade, the first of these book formats were related to personal digital assistant (PDA) devices that could do this and this with large amounts of text. (1990s, e-book readers, store, display)
11. In the middle of this decade, the greater range and sensitivity of this kind of sound-capturing technology revolutionized this type of recording, such that sales of this kind of music plummeted, because people could listen to this medium instead of playing instruments to hear music. (1920s, microphones, gramophones, sheet music, records)
12. During this decade, this industry was booming, partly because music lovers were actively replacing these two formats for recording and playing music with this new, digital technology. (1990s, the record industry, cassette tapes, vinyl records, compact discs)
13. This kind of file sharing, in which two or more computer systems are connected over the Internet in order to share this or this, became a worldwide phenomenon in this year, with the development of a centralized, online file-sharing system called this. (Peer-to-peer, music files, video files, 1999, Napster)
14. In this year, this inventor set up an experimental station for this type of medium in New York City and gave nightly broadcasts of this and this until this event halted all transmissions for private citizens. (1916, Lee de Forest, radio broadcasting, music, news, World War I)
15. Glasses of this type were polarized to filter this, so that the left eye received only this type of projections and the right eye received only this type of projections. (3D, images, "left eye," "right eye")
16. This type of recording technology, released in stores in 1997, was entirely digital and so was smaller and lighter than this, its nondigital precursor. Other advantages that made it immediately popular with consumers and distributors were its this, this, this, this, and this. (DVDs, VHS tape, sharper images, compactness, higher durability, interactive special features, better copy protection)