

Bengal Engineering and Science University, Sibpur

Seventh Semester CST-EE-ETC-IT Final Examination, December 2012

Professional Values and Ethics (HU7801)

Full Marks: 35

Time: 2hrs

Answer question number 1 and any two from the rest. Numbers in the margin are marks for each question. Candidates are expected to write in their own words.

1. **The Case.** Ever since lucid dreaming entered the public eye in the 1980s, there have been many attempts to create *lucid dream machines*. The idea is to make lucid dreaming as easy as possible - so that anyone can do it at will. The most common type of lucid dreaming device is an eye mask which emits visual and audio cues to the would-be lucid dreamer while they are asleep. Often this means you see flashing lights in your dreamscape, which remind you that you are dreaming. Some offer verbal cues as well. Please note if you have photosensitive epilepsy, lucid dream masks that emit light are not recommended for you.

The Context: It may sound fictional. But this is indeed a reality. In a world riddled with crises, individual existence is turning out to be more brittle than ever. Even people who can afford tech goodies are no exception. In the process one may even try manufactured dream. It, however, denotes the unqualified commodification of every possible thing, including body and mind.

And You: Give your commentary on the dream maker gizmos.

[10]

2. "If we do not have a moment to stop and listen to one of the best musicians in the world playing the best music ever written, how many other things are we missing in our lives?" – Answer in the context of Washington Post study [12.5]
3. Give the full form of ITSRA. Illustrate the technologization of security concerns in your area of specialization and assess the loopholes therein. [12.5]
4. Is the 1997 story of Steve Jobs an inspiration or a cautionary tale? Present your argument. [12.5]
5. "I believe this bogey (of senseless violence) would have disappeared long ago, had the sound sense of the people not been systematically corrupted by commercial interests acting through the schools (education) and the Press (media)." – Albert Einstein (1934). Elucidate. [12.5]