

1. According to professor P. V. Madhusudhan Rao, which of the following technology types is associated with the visually impaired people?
 - a. Industrial technology
 - b. Assistive technology [X]
 - c. Chemical technology
 - d. Mechanical technology
2. Which of the following descriptions best describes the symbol for the power button as discussed in the lecture 'Smartcane for Blind' by professor P. V. Madhusudhan Rao?
 - a. The 'T' Shape [X]
 - b. The round shape
 - c. The U shape
 - d. The square shape
3. According to professor Madhusudhan Rao, why can't a typical power button shape be used in the smartcane?
 - a. Because it was a very common design
 - b. Because the symbols are not standardized for the visually impaired people [X]
 - c. Because it was not part of the design at all
 - d. Because the visually impaired people found it difficult to recognise [X]
4. Complete the following sentence: One of the primary reasons why the Smartcane is easy to use is because it _____?
 - a. Comes in different sizes
 - b. Can attach to any standard regular white cane [X]
 - c. Is easy to hold
 - d. Can easily connect to any smartphone through bluetooth
5. As discussed in the module 'Smartcane for the Blind', why was audio output not used as a feedback mechanism for the device?
 - a. Because the visually impaired people were unable to hear audio alerts in loud locations [X]
 - b. Because the visually impaired people did not want to declare their blindness to others around them [X]
 - c. Because the technology was an expensive to execute
 - d. Because audio output became too confusing for the user
6. According to the module 'Smartcane for the Blind', why did standardized english braille labelling embossed on the smartcane fail as a design feature?
 - a. Because the users read and understood braille in different languages [X]
 - b. It spoiled the final look of the smartcane
 - c. Because adding a braille would increase the manufacturing costs of the device
 - d. Because it would detect obstacles less efficiently

7. Which of the following were some of the unique features of the Smartcane as discussed in the module 'Smartcane for the Blind' by professor P. V. Madhusudhan Rao?
- a. The device is splash proof [X]
 - b. The device is attachable to any existing white cane [X]
 - c. The device is unbreakable
 - d. The device is able to detect two different obstacles very close to each other
8. Complete the following sentence: Smartcane is designed in such a manner that _____?
- a. It can recharge its battery by the movement of the cane
 - b. It can change its vertical detection angle by adjusting the tilt of the sensor [X]
 - c. It can operate in rain
 - d. It can easily be connected to a smartphone via wifi
9. As mentioned in the lecture on Smart Cane, why was the length of the device changed to accommodate 5 fold white cane instead of 4?
- a. So that it would be convenient to carry by the users
 - b. So that it would provide better grip to the users
 - c. So that women users could keep the cane in their purse comfortably [X]
 - d. So that it can be more ergonomic
10. As mentioned in the lecture by professor P. V. Madhusudhan Rao, what happens when a visually impaired person goes out in rain with the help of a Smartcane?
- a. Visually impaired people do not go out in the rain
 - b. The device will work just fine
 - c. The device might provide electric shock to the users
 - d. The device will start detecting raindrops and will vibrate continuously [X]