Unit 3 - Week 1

Assignment 1

The due date for submitting this assignment has passed. **Due on 2018-02-05, 23:59 IST.**

Submitted assignment

1) Pick out the correct Virtual reality definition from the following options-  

- Virtual reality is an artificial environment that is created with software and presented to the user in such a way that the user suspends belief and accepts it as a real environment.
- Inducing targeted behaviour of an organization by using artificial sensory stimulation while the organism has little or no awareness of the interference.
- The computer-generated simulation of a three-dimensional image or environment that can be interacted with in a seemingly real or physical way by a person using special electronic equipment, such as a helmet with a screen inside or gloves fitted with sensors.
- All of the Above

**No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
All of the Above

2) What is the Degree of freedom for eyes (left or right, anyone)  

- 9  
- 6  
- 8  
- 7

**No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
9

3) What is the Degree of freedom for ears (left or right, anyone)  

- 5  
- 6  
- 7  
- 9

**No, the answer is incorrect.**  
Score: 0  
Accepted Answers:  
6

4) Which one of the following is not a visual display?  

- LCD Screen

https://onlinecourses.nptel.ac.in/noc18_ge08/unit?unit=10&assessment=109
No, the answer is incorrect.
Score: 0
Accepted Answers:
speaker

5) Select the audio display among the following- 1 point
- Keyboard
- Speaker
- Light field displays
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Speaker

6) What is the Stimulus for Vision? 1 point
- Electromagnetic energy in visual spectrum
- Air Pressure
- Touch
- None of the Above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Electromagnetic energy in visual spectrum

7) What is the receptors of vision? 1 point
- Photoreceptors on the retina
- Sensors present on the skin
- Eye lenses
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Photoreceptors on the retina

8) What is the engineering equivalent for touch? 1 point
- Pressure Sensors
- Thermometers
- Force sensors
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of the above

9) What is Steven’s power law? 1 point
- \( p = cM^x \)
- \( p = cM^{2x} \)
- \( p = cM^{\sqrt{x}} \)
- None of the above
No, the answer is incorrect.
Score: 0
Accepted Answers:
\[ p = cM^x \]

108D angular velocity is measured by
- Accelerometer
- Gyroscope
- Magnetometer
- None of the Above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Gyroscope