

## Unit 2 - Week 0

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## Assignment 0

The due date for submitting this assignment has passed.  
As per our records you have not submitted this assignment.

**Due on 2020-09-14, 23:59 IST.**

**Note :** This assignment is only for practice purpose and it will not be counted towards the Final score

1) Which of the following companies manufacture smart watches? **1 point**

- Apple
- Samsung
- Motorola
- All of these

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*All of these*

2) The main function of a ceiling fan is **1 point**

- Cool the room
- Reduce the temperature
- Circulate air
- All of these

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*Circulate air*

3) What is the principle of working for Non-contact thermometers? **1 point**

- Doppler effect
- Infrared energy above absolute zero
- Laser readings
- Emissivity principle

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*Infrared energy above absolute zero*

4) What is the basic principle behind the working of the NIKE ADAPT power lacing shoe? **1 point**

- Shape memory technology
- Automatic moulding and demoulding
- Cable system based on sensed pressure
- Actively reshaping nano fibres

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*Cable system based on sensed pressure*

5) The absorption of energy by food items like water and fat placed in a microwave oven is called **1 point**

- Conventional heating
- Joule heating
- Blanching
- Dielectric heating

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*Dielectric heating*

6) The application of thermoelectric cooling to refrigerators/coolers as opposed to vapour compression refrigeration has opened up a new arena that allows heating of food simultaneously. This is based on **1 point**

- Seebeck effect
- Peltier effect
- Thomson effect
- None of the above

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*Peltier effect*

7) With the rise in demand for Respiratory ventilators during the COVID pandemic, Biodesign Innovation Labs, an Indian startup has developed its portable ventilator named **1 point**

- VentiAID
- RespirAID
- Breath Assist
- Air BioVent

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*RespirAID*

8) A 3D printer pen is similar to a hot glue gun except for the **1 point**

- Temperature settings
- Nozzle
- Power of operation
- PLA/ABS printing filament

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*PLA/ABS printing filament*

9) Created in 1990, what was the name of the first internet search engine? **1 point**

- Google
- Bing
- Archie
- Yahoo

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*Archie*

10) What is the name of Elon Musk's aerospace company manufacturing advanced space ships and rockets? **1 point**

- SpaceX
- Blue origin
- Astrobotic
- Hyperloop

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*SpaceX*