Assignment 0

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

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?
   - Apple
   - Samsung
   - Motorola
   - All of them
   Accepted Answer: All of these

2) The main function of a radiator is
   - Cool the room
   - Reduce the temperature
   - Circulate air
   - All of these
   Accepted Answer: Circulate air

3) What is the principle of working for Non-contact thermometers?
   - Doppler effect
   - Infrared energy above absolute zero
   - Laser readings
   - Embryonic principle
   Accepted Answer: Infrared energy above absolute zero

4) What is the basic principle behind the working of the NIKE ADAPT power-lacing shoe?
   - Shape memory technology
   - Automatic moulding and surrounding
   - Cable system based on sensed pressure
   - Activly reshaping nano fibres
   Accepted Answer: 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
   - Conventional heating
   - Joule heating
   - Baking
   - Dielectric heating
   Accepted Answer: Dielectric heating

6) The application of thermoelectric cooling to refrigerators/coolers as opposed to vapour compression refrigeration has opened up a new area that allows
   - Freezing of food simultaneously
   - This is based on
   - Seebeck effect
   - Peltier effect
   - Thomson effect
   - None of the above
   Accepted Answer: Seebeck effect

7) With the rise in demand for Respiratory ventilators during the COVID pandemic, Biodesign Innovative Labs, an Indian startup has developed its portable ventilator named
   - VentiMD
   - Inspiration
   - Breath Assistant
   - Air Behold
   Accepted Answer: Inspiration

8) A 3D printer pen is similar to a hot glue gun except for the
   - Temperature setting
   - Needle
   - Power of operation
   - PLA/ABS printing filament
   Accepted Answer: PLA/ABS printing filament

9) Created in 1995, what was the name of the first internet search engine?
   - Google
   - Bing
   - Yahoo
   - Ask
   Accepted Answer: Yahoo

10) What is the name of Elon Musk’s aerospace company manufacturing advanced space ships and rockets?
    - SpaceX
    - Blue origin
    - Auroralic
    - Hyperloop
    Accepted Answer: SpaceX