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Unit 4 - WEEK 03 Design Practice II

Course outline

How to access the portal

WEEK 01 Design practice II

WEEK 02 Design Practice II

WEEK 03 Design Practice II

- ☐ Introduction to Micro-Electro mechanical Systems (MEMS)
- ☐ Lab-on-Chip
- ☐ Introduction to Sensors
- ☐ Introduction to Transducers
- ☐ Introduction to device fabrications
- ☐ Quiz : Assignment 03_Design Practice 2
- ☐ Solutions_Week 03_Assignment 03
- ☐ WEEK 3 - FEEDBACK

Assignment 03_Design Practice 2

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2018-09-19, 23:59 IST.**

1) Point out the wrong statement:

1 point

- ☐ MEMS stands for microelectromechanical systems
- ☐ MEMS as a class can be between 1000 and 100000 micrometers in size
- ☐ Several MEMS are packaged in smartphones
- ☐ All of the mentioned

No, the answer is incorrect.

Score: 0

Accepted Answers:

MEMS as a class can be between 1000 and 100000 micrometers in size

2) Cavity of nose is generally known as

1 point

- ☐ nerve impulse
- ☐ nasal cavity
- ☐ nostril
- ☐ nosepiece

No, the answer is incorrect.

Score: 0

Accepted Answers:

nasal cavity

3) Our sense of smell also helps us recognize the

1 point

- ☐ tastes
- ☐ temperature

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4) Organ that helps purify air and take it in is

1 point

- ☐ nose
- ☐ tongue
- ☐ eyes
- ☐ palate

No, the answer is incorrect.

Score: 0

Accepted Answers:

nose

5) Human eye acts like a

1 point

- ☐ endoscope
- ☐ camera
- ☐ telescope
- ☐ microscope

No, the answer is incorrect.

Score: 0

Accepted Answers:

camera

6) In human eye, image is formed

1 point

- ☐ behind retina
- ☐ in front of retina
- ☐ on retina
- ☐ in between lens and retina

No, the answer is incorrect.

Score: 0

Accepted Answers:

on retina

7) The cells in the sense organ that receive sensory information are called

1 point

- ☐ Receptor cells
- ☐ Stimulus
- ☐ Acceptor cells
- ☐ Lacrimal cells

No, the answer is incorrect.

Score: 0

Accepted Answers:

Receptor cells

8) Lithography was invented by _____ in 1798.

1 point

- ☐ Alois Senefelder
- ☐ John Denver
- ☐ Billy Armstrong
- ☐ Manuel Neuer

No, the answer is incorrect.

Score: 0

Accepted Answers:

Alois Senefelder

9) Which of the following is correct for tactile sensors?

1 point

- ☐ Pressure sensitive
- ☐ Touch sensitive
- ☐ Input voltage sensitive
- ☐ Humidity sensitive

No, the answer is incorrect.

Score: 0

Accepted Answers:

Touch sensitive

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