Assignment 08_Design Practice 2

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

1) In which stage the measurement system comes in contact with the measurand or the quantity to be measured?  
   - Transducer Stage
   - Signal Processor Stage
   - Output Stage
   - None of these
   
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   Transducer Stage

2) A group of components which can complete certain tasks or achieve certain desired results in the desired manner while working together is called as______  
   - output system
   - sequence system
   - control system
   - all of these are true
   
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   control system

3) In which system does the output not affect the process in any way?  
   - Open loop system

Due on 2018-10-24, 23:59 IST.
4) Which control system does not have a stability problem?  
   - Open loop system  
   - Closed loop system  
   - Both open and closed loop system  
   - None of these  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   - Open loop system

5) Data acquisition is the process in which, physical variables from the real world are  
   - converted into electrical signals  
   - modified and converted into a digital format for processing  
   - converted into electrical signals and also modified and converted into a digital format for processing  
   - none of these  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   - converted into electrical signals and also modified and converted into a digital format for processing

6) Which of the following cannot be considered as data in the Data Acquisition System (DAQ)?  
   - Temperature  
   - Mechanical displacement  
   - Flow rate  
   - None of these  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   - None of these

7) What is the input of the data acquisition system (DAQ) to which a transducer is connected called?  
   - control element  
   - channel  
   - interface  
   - function  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   - channel

8) The mechatronics is an interdisciplinary field in which the disciplines those act together are
9) The controller characteristics for on-off controller follow _________.

- only one curve
- two curves
- four curves
- unpredictable

No, the answer is incorrect.
Score: 0
Accepted Answers:
Mechanical systems, Electronic systems and Information technology

10) The user-centered design comprises of which of these principles?

- Stakeholder focus
- Empirical Evaluation
- Iteration
- All of the mentioned

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

11) The following is the preliminary stage of Production planning

- Capacity planning
- Material requirements planning
- Scheduling
- Product development and design

No, the answer is incorrect.
Score: 0
Accepted Answers:
Product development and design

12) The following is the source(s) for developing new or improved product

- Research and Development department of the enterprise
- Consumer suggestions and Complaints
- Other competitive products in the market
- All of these

No, the answer is incorrect.
Score: 0
13. Which of the following is the responsibility of the production manager?

- people
- plants
- processes
- all of the mentioned

No, the answer is incorrect.
Score: 0
Accepted Answers:
all of the mentioned