

RP/ IPRC TUMBA

ACADEMIC YEAR: 2019-2020

Dept: RE/ LEVEL 3/ SEMESTER 2

MODULE TITLE: AUTOMATION AND CONTROL SYSTEM

MODULE CODE: REN302

Monday 18th May, 2020

QUIZ1 /

- 1) Automation is -----
 - a) A system that is being controlled
 - b) Control system dealing with a number of electrical and electronics components
 - c) Semi-manual system
 - d) The integration of machines into a self-governing system
 - e) A mechanism for a system that is controlled by another system
 - f) No answer provided

- 2) Mechanization is an acronym of-----
 - a) Automatic system
 - b) Control system
 - c) System that replace human labour by machines
 - d) No answer provided

- 3) Automation is an acronym of control system
 - a) True
 - b) False

- 4) Automation is a part of control system
 - a) True
 - b) False

- 5) Main function of control system is to ensure that outputs follow the set points
 - a) True

- b) False
- 6) Set point in the control system can be defined as-----
 - a) Desired reference input
 - b) Desired system output
 - c) Controlled variable
 - d) Process variable
 - e) No answer provided
- 7) An automated system has significance higher production volume and high production time comparing with manual system.
 - a) True
 - b) False
- 8) Automation increases the cost of production comparing manual system
 - a) True
 - b) False
- 9) The product quality that can be achieved by manual system cannot be achieved by manual system
 - a) True
 - b) False
- 10) The type of automation system that is used for a changing the sequence of machines operations and configurations using electronic control is called-----
 - a) Integrated automation
 - b) Flexible automation
 - c) Fixed automation
 - d) Programmable automation.
 - e) No answer provided

NB. If you need further clarifications please reach me to my email or Whatsap through:

jniyitegeka@iprctumba.rp.ac.rw /+250788973044

Stay safe and protected by washing your hands every time, avoiding shaking your friends or any physical contact!!!!