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Self-Made Assignment - Introduction Of Artificial Intelligence

Physical AI

Solve The Following MCQ Question

Q1. What does "Physical AI" primarily combine?

- a) Software and algorithms
- b) AI, physical machines, and real-world tasks
- c) Data analysis and cloud computing
- d) Programming and simulations

Q2. Which of the following is not an example of a physical AI system?

- a) A robot vacuum cleaner
- b) A mobile app that edits photos
- c) A self-driving car
- d) A smart wheelchair

Q3. What makes a machine "physical" in the context of Physical AI?

- a) It stores data in the cloud
- b) It only performs virtual tasks
- c) It can move, sense, and act in the real world
- d) It runs software programs silently

Q4. What is the main function of sensors in Physical AI?

- a) Store and sort files
- b) Collect data from the environment
- c) Create digital content
- d) Send messages over the internet

Q5. Which sensor would help a smart light system know when to turn off during daytime?

- a) Sound sensor
- b) Light sensor
- c) Motion sensor
- d) Temperature sensor

Q6. Which technology helps Physical AI devices work without needing constant internet access?

- a) Robotics
- b) Cloud computing
- c) Edge computing
- d) Web browsing

Q7. What is the role of AI and machine learning in Physical AI devices?

- a) To build hardware components
- b) To decorate devices
- c) To help machines learn from past data and make decisions
- d) To create software animations

Q8. Robotics mainly focuses on:

- a) Sending emails automatically
- b) Designing games
- c) Building physical machines that can perform tasks
- d) Encrypting data



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Q9. Which is a correct example of Physical AI in education?

- a) A teacher writing notes on a board
- b) A robot helping students solve math problems
- c) A website showing test results
- d) A TV playing a documentary

Q10. How does Physical AI assist in healthcare?

- a) By sending health tips through email
- b) By providing cooking videos
- c) By helping in surgeries and monitoring patients
- d) By printing medical reports

Q11. Which of these is NOT an industry use of Physical AI?

- a) AI checking product quality
- b) Robots assembling cars
- c) Machines delivering pizza recipes
- d) AI inspecting packaged goods

Q12. In agriculture, Physical AI helps by:

- a) Writing farming articles
- b) Teaching animals to plant seeds
- c) Monitoring crop health and watering plants
- d) Selling fruits online

Q13. What is a benefit of using AI-powered drones in farming?

- a) They store photos online
- b) They spray paint on walls
- c) They fly over fields to check plant health
- d) They take selfies

Q14. Self-driving cars are examples of Physical AI because they:

- a) Use AI to stream music
- b) Can see, sense, and navigate roads on their own
- c) Let humans drive faster
- d) Only park the car

Q15. Which sensor detects if a person has entered a room?

- a) Light sensor
- b) Sound sensor
- c) Motion sensor
- d) Heat sensor

