Sheet- 1   Int to AI

Q1:
Examine the AI literature to discover whether the following tasks can currently be solved by computers:

a. Playing a decent game of table tennis (Ping-Pong).
b. Driving in the center of Cairo, Egypt.
c. Driving in Victorville, California.
d. Buying a week's worth of groceries at the market.
e. Buying a week's worth of groceries on the Web.
f. Playing a decent game of bridge at a competitive level.
g. Discovering and proving new mathematical theorems.
h. Writing an intentionally funny story.
i. Giving competent legal advice in a specialized area of law.
j. Translating spoken English into spoken Swedish in real time.
k. Performing a complex surgical operation.

Q2:
"Surely computers cannot be intelligent—they can do only what their programmers tell them." Is the latter statement true, and does it imply the former?

Q3:
"Surely animals cannot be intelligent—they can do only what their genes tell them." Is the latter statement true, and does it imply the former?

Q4: choose the correct answer

1-
Which of the following are AI Subfield?

A. Machine learning
B. Computer vision
C. Speech Recognition
D. Natural language processing

2-
Jobs that are repetitive and require weak social skills are the easiest to be AI Replaced work.

A. TRUE
B. FALSE

3-
According to the American Society of Automotive Engineers (SAE) The automatic driving is divided into Which level?

A. L1~L4
B. L1~L5
C. L0~L4
D. L0~L5

4-
On the premise of ensuring data privacy and security, federated learning utilizes different data sources to cooperatively train models to improve breakthroughs in data bottlenecks.

A. TRUE
B. FALSE

5-
What is the performance of artificial intelligence in the stage of perceptual intelligence?

A. Machines begin to understand, think and make decisions like humans
B. Machines begin to calculate and transmit information just like humans
C. The machine starts to understand and understand, make judgments, and take some simple actions

6-

Artificial intelligence at this stage is still in the weak artificial intelligence stage.

A. TRUE
B. FALSE

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Where is the main foothold of symbolism?

A. The foothold is in neuron networks and deep learning.
B. The foothold is reasoning, symbolic reasoning and machine reasoning.
C. The foothold is perception and action.
D. The foothold is behavior control, adaptive and evolutionary computing.

8:

The current technology application directions of artificial intelligence mainly include?

A. Natural language processing
B. Control System
C. Computer vision

9-

Voice recognition refers to the recognition of audio data as text data.

A. TRUE
B. FALSE

10-

Which of the following are AI Application areas?

A. Wisdom education
B. Smart City
C. Smart home
D. Smart medical