Phần 1

Question 1: Học sâu và mạng nơ-ron giúp máy hiểu hình ảnh phức tạp.

A. Deep learning and neural networks clean the images before using them.  
B. Deep learning and neural networks help machines understand complex images.   
C. Deep learning and neural networks stop machines from learning new images.

Question 2: Tự động hóa giúp giảm công việc thủ công và cải thiện thuật toán.

A. Automation writes long emails and sends them to the boss.  
B. Automation helps people walk and talk better with robots.  
C. Automation reduces manual work and improves the algorithm.

Phần 2

Question 1: How about \_\_\_\_\_\_\_\_\_\_ neural networks for better image recognition?

A. used  
B. using   
C. to use

Question 2: ............. we ............. the algorithm before starting the next test?

A. Shall / improve   
B. Shall / improving  
C. What about / improving

Question 3: ".............. we .................. unsupervised learning for this task first?"

A. Could / try   
B. What about / trying  
C. Could / trying

Phần 3

Grok is a smart and witty chatbot created by AI. It uses supervised learning and huge training data to understand language and provide clever answers. It also adapts quickly using natural language processing and neural networks. Its humorous responses make it engaging for users. What about using Grok for customer service to make support more friendly, interactive, and informative?

Question 1: What makes Grok especially effective in customer service interactions?

A. It ignores context and relies only on prewritten answers.  
B. It gives long technical responses that only experts understand.  
C. It responds to questions with helpful, fast, and humorous language.

Machine learning is a powerful method where systems learn from data instead of being manually programmed. It uses supervised or unsupervised learning, algorithms, and models to make predictions. Neural networks improve their performance, but overfitting remains a concern. How about using machine learning to personalize user experiences in apps and websites by analyzing behavior and adjusting content in real time?

Question 2: What is one suggested use of machine learning in the passage?

A. To personalize app and website content based on user behavior.   
B. To replace manual programming in all business software.  
C. To help users write code more efficiently.

Natural Language Processing (NLP) helps machines understand and respond to human language. It’s widely used in applications like chatbots, virtual assistant, and speech-to-text tools. NLP combines deep and massive training data to enhance accuracy. Besides, it often works with computer vision in AI systems. What about using NLP to scan long reports and generate short, clear summaries for busy professionals ?

Question 3: What benefit does NLP offer to professionals reading long reports?

A. It translates the reports into other languages automatically.  
B. It scans and generates short summaries for quicker understanding.   
C. It helps by highlighting every grammar mistake in the text.

Phần 4

ChatGPT is a powerful and intelligent chatbot developed using generative AI. It combines deep learning and natural language processing to produce human-like conversations. It continuously learns from large datasets and becomes smarter over time. Besides text, it supports speech-to-text interactions. Shall we apply it to our online courses to provide students with fast, personalized answers and writing suggestions anytime they need?

Question 1 : Chat GPT cannot improve over time although it learns from large database.

A.True

B. False

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Question 2 : Grok adaps its responses using natural language processing

A.True

B.False

DeepSeek is a cutting-edge AI model known for its ability to analyze large and complex datasets. It uses unsupervised learning, neural networks, and machine learning to find patterns in data. Its predictions are often accurate because it improves with every new training cycle. Could we use DeepSeek in healthcare systems to help doctors make better and faster decisions during diagnoses?

Question 3: DeepSeek uses four types of technology to generate predictions.

A.True

B.False

DeepSeek is a cutting-edge AI model known for its ability to analyze large and complex datasets. It uses unsupervised learning, neural networks, and machine learning to find patterns in data. Its predictions are often accurate because it improves with every new training cycle. Could we use DeepSeek in healthcare systems to help doctors make better and faster decisions during diagnoses?

Question 4: DeepSeek is an advanced model that analyzes large and complex datasets. It applies three technologies to discover patterns. Its predictions become more accurate with each……...

Answer: new training cycle

Grok is a smart and witty chatbot created by xAI. It uses supervised learning and huge training data to understand language and provide clever answers. It also adapts quickly using natural language processing and neural networks. Its humorous responses make it engaging for users. What about using Grok for customer service to make support more friendly, interactive, and informative?

Question 5: Grok uses supervised learning and large datasets to generate replies. It responds to questions with humor and outputs quickly to new input. Its replies are powered by ……….. , which makes Grok ideal for training support

Answer: natural language processing

Phần 5

Complete the sentence with THREE or FOUR WORDS using the given prompts

Question 1: How about ……….so that the deep learning system works more efficiently?(use / clean / data)

Answer: using clean data

Complete the sentence with THREE or FOUR WORDS using the phrase prompts

Question 2: What about ………..because the current app lacks voice recognition? ( add / speech-to-text)

Answer: adding a speech-to-text technology

Complete the sentence with THREE or FOUR WORDS using the given prompts.

Question 3: We couldn't finish the model yesterday, so shall we …………today instead?  
(continue / data analysis)

Answer: continue the data analysis

Phần 6

Put the words in the correct order to make a sentence

Question 1: The team/ hasn't had/ by using/ creating/ generative AI? / about/ many ideas, / content drafts/ on how

Answer: The team hasn't had many ideas, so how about creating content drafts by using generative AI?

Question 2: the prediction/ inaccurate, / model/ is/ noticed/ data again? / so could/ the training/ model/ check/ I/ You

Answer: I noticed the prediction model is inaccurate, so could you check the training data again?

Question 3: expert/ user requests/ using/ systems/ number of/ the growing/ How about/ to manage/ efficiently?

Answer: How about using expert systems to manage the growing number of user requests efficiently?

Question 4: the chatbot/ about/ before/ to users? / fix the bug, / And/ what about/ deploying it/ testing/ She

Answer: She fixed the bug, but what about testing the chatbot before deploying it to users?