



Examination Answer Books

12 Pages

Instructions to Candidates

1. Please give the information requested in the boxes below.
2. Enter your name in the space provided to the right, fold over and seal down (using the label provided) to hide your name.
3. The answers must be legibly written. The Examiners can either ignore illegible script or have it typed and the expense of typing charged to the candidate.
4. Write your answers in ink.
5. Begin each answer on a fresh page. Do all rough work in the answer book and cross it through.
6. No part of this book is to be torn out; it must be handed in complete.
7. If more books than one are used, fasten them together using the tags available from the invigilator(s).
8. **Every book must be handed in. In no circumstances may answer books, used or unused, be taken out of the examination venue.**

1	Student Number	2407540
2	Title of Examination Paper	Artificial Intelligence
3	Module Code	ACCAT026
4	Date and Time of Examination	04/01/2025 15:00 To 17:00
5	Examination Venue	310
6	Seat Number	
7	Number of Answer Books handed in	

List the numbers of the questions you have attempted	Office Use
1	0
3	01
4	01
Total	02

Artificial Intelligence

03%
20th January 2025

SECTION: AQuestion: 1

[B]

in this scenario, in my opinion self-driving car is a strong AI (Artificial Intelligence) such as the most priority basis to the security and responsibility.

⇒

Self-driving autonomous car vehicle is a strong AI because human think such as the consistency, transparency, environment, and safety, signal such as.

⇒

In this case in current level AI (Artificial Intelligence) level AI is follow a programming to create by human.

⇒

Artificial Intelligence is a program to follow the structured rule and regulation.

⇒

In my perspective, in the year of 2018, autonomous vehicle incidents for a safety and responsibility.

⇒

AI is only for follow the structured program not to the human.

⇒

into the capabilities of current level AI is fairness, accountability, consistency, transparency for those capabilities of AI for autonomous vehicle to strong AI.

Please understand the question to answer

Not answered the question

Question No.

(c) Complex driving situation is a strong AI because there are several benefit for autonomous EV's.

⇒ Strong AI follows the structured rule such as the safety and security.

⇒ Strong artificial intelligence is a strong AI follows the path such as the signal, speed, engine, etc.

⇒ In the year of 2018, the incident of autonomous ^{vehicle} accidents and they ~~have~~ AI strong for that incident such as the accident and responsibility.

⇒ autonomous vehicle sometimes the carit follows the direction of Google maps.

⇒ Strong AI is a totally structured programming such as the human rights.

⇒ In the conclusion in the current situation strong AI would be several benefit for autonomous vehicle industry.

Not answered the question

Question 3

[B] NLP stands for Natural Language Processing

⇒ NLP is communicable with the computer and human language.

⇒ How to communicate with each other

⇒ Entity recognition: - Entity recognition is to understand the human language

⇒ They restrict the limited data to the system

⇒ For an example - ERN data analysis

there are lots of data available into the system and identify the data then finding the best solution path.

⇒ Sentiment analysis is also used to the limited amount of data.

⇒ Sentiment analysis find the one to the best result for data.

⇒ Such as the transparency, security, accountability

⇒ ~~Language translation is NLP Natural~~
~~Language processing is a most important~~
~~part of language translation~~

what language translator

⇒ Thousands of languages are different
 language to translate the translator

⇒ Ex. Example! - They respond and in time
 because the NLP uses to the different
 language

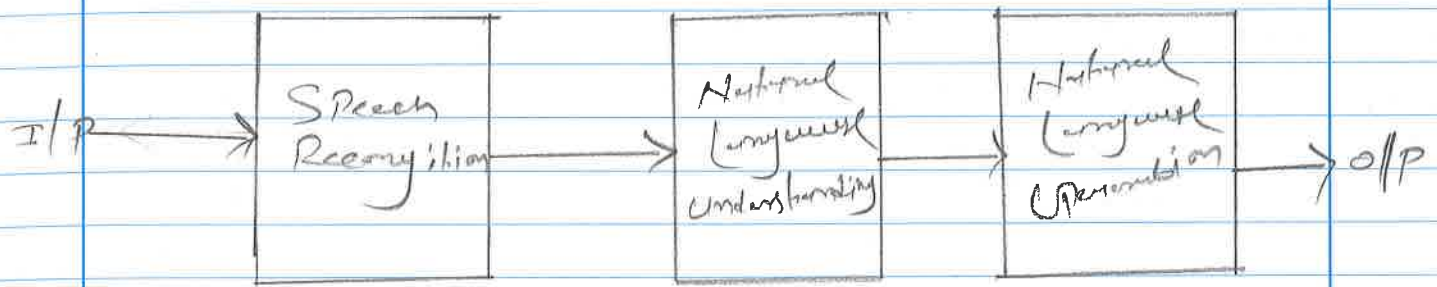
⇒ Siri, Alexa, Google Assistant is the
 used to daily life for language
 translation

in the context of customer service system

[C] NLP application is customer-focused industries.

⇒ NLP application is used to the
 daily conversation even other

⇒ Ex. → Speech recognition
 → Natural language understanding
 → Natural language generation



⇒ advantages of Natural Language Processing.

⇒ First of all, NLP gives the input by the Speech Recognition such as the different language.

⇒ Then, understand the natural language to communicate into the daily basis life.

⇒ after that, natural language generates the language and gives the output.

the answer ~~is~~ are
vague and not
provided in the
context of given
scenario

Much
more
detail
needed
here

(D) Improving Natural Language Processing in customer service systems, such as the Siri, Google Assistant, Alexa they give the all time moments response for customers.

⇒ By Example - The Person to speak to the assistant and gives to the answer because of that work in natural language processing.

⇒ Benefit of Easy to understand

⇒ Natural language understanding

⇒ Natural language generation

How ensembles can model with benefit

This doesn't show ensemble learning at all.

SECTION: BQuestion 4.

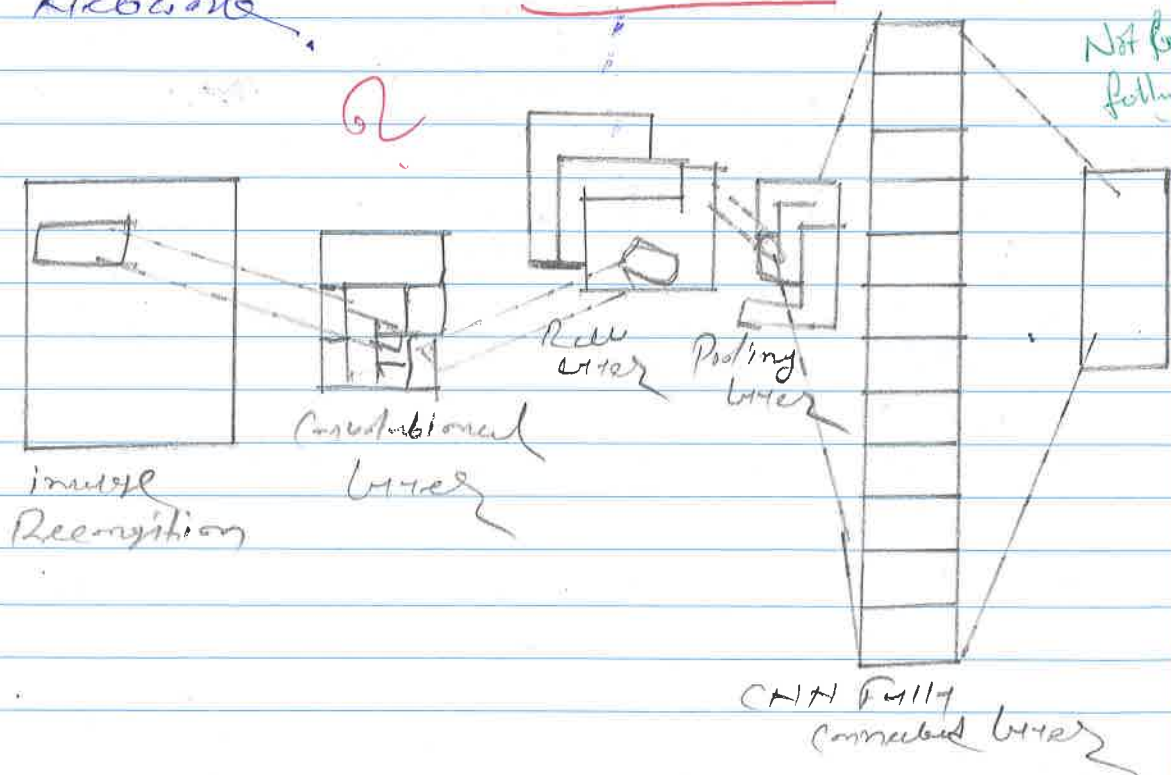
(a) CNN - Convolutional Neural Network is a depth and 1c - Network

⇒ CNN uses a 4×4 dimensional and 3×3 vertically

⇒ Convolutional Neural Network is a width and Height Parameter

⇒ Convolutional Neural Network is finding the best path to the parameter

⇒ For an Example - Convolutional Neural Network is a Fully Connected Network



1) Convolutional Neural Network

⇒ Convolutional Neural Network is used to the verticality and dimensionality layer

⇒ k - highly used

⇒ CNN is always finding the best path

⇒ CNN is a fully connected layer

2) Pooling Layer

⇒ Pooling Layer is used to the representing parameters

⇒ Pooling Layer find the best route for all the direction such as the cars, people, traffic signs, obstructions, environments and so on.

3) Fully Connected Layer

⇒ CNN is used to all the dimensional and verticality height and width

⇒ CNN finding the min and max value

⇒ Fully connected layer is ~~used~~ to the depth parameter.

Where is answer to B?

(C) autonomous vehicle in the year of 2018 accidents of autonomous vehicle damages by parameter.

⇒ in the scenario, Mark AI decision for this case 'Such as the do not awareness of responsibility and safety,

⇒ The main think is in Mark AI because only follow the structured.

⇒ Mark AI is only follow the route set by program.

⇒ For Ex1 - In the year of 2018 incident The strong AI make for AI's vehicle.

⇒ Pooling layers is ~~used~~ to the translation invariance by the convolutional neural network.

⇒ Also, strong AI ~~aware~~ awareness for all the decision such as the wear, steering, Road safety, Responsibility Environment.

Not answered the question

⇒ As of now, Strong artificial Intelligence sometime is not use for the ~~crash~~ maps.

⇒ Strong AI gives the best direction and safety and responsibility for autonomous vehicle.

(2) The main role of AI's autonomous vehicle is depth, stride, as well as padding.

⇒ CNN - Convolutional Neural Network beneficial for different parameters such as the transparency, open translation, consistency, Availability.

⇒ In my perception AI's industry concerns of the parameters such the human-based.

⇒ an autonomous awareness of all the parameters such as the traffic rules, regulation, signals, identifying etc.

Not answered the question