Class: 6-F Roll no: 21K-3298		
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ARTIFICIAL IN	ITELLIGENICE	
		18.11
ASSIGNMENT #	01.	The state of
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The same of the same of the	I TY COURT IN	1 / 1
Ans) The following object the quest for artific	ctions still cary	y weight in
the quest too ashic	ial intelligence:	
1) Mathematical Objection		
		ncompleteness
Theorem a system ba	sed on formal	logic has
provable limitations. I	ts a result, an	y deterministic
artifical intelligence con	nhot be consider	ed a trué
intelligence.		
2) Arguments of som consci	ounces:-	6
Since a machin	e does not exp	periences
emotions i.e. have a col	nsciousness, it is	difficult
to equate human and	machine intellige	nce. Ilwing's
refutation to this argue raply" left much to	ment, the Office	e Minds
Laply wett much to	be alsixeq.	
3) Lady Lovelace's object	ioh:-	
According to Lag	ly Ada Lovelace.	since
be classified as an ir	of originality t	hay cannot
be classified as an ir	itelligence akin to	nost
This is quite possibly famous objection again	the heaviest and	1/1001
Tours of Fatou again	00 17.	

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Augument from continuity in newous system:

Neurological research shows that neurons in human brains have analog component rather. Than being completely digital. This simplicates that it is impossible to simulate human intelligence using digital signals. Turing refutes this argument by arguing that any ahalog system can be simulated to a reasonable degree given enough computing spower.

Asgument from informality of behavious:
flocosding to this asgument, any system based on laws will be predictable and not ompletely intelligent. Turing states the brain is also governed by (unknown) laws I that we have not been able to identify.

#2) According to Turing, a computer would have at least a 30% chance of passing Turing Test lasting 5 minutes with an unskilled investigator. Given that current GPT-4 is able to pass (a sample Turing Test 49.7% of the time, compared to a human baseline of 66%, it is assumed that Turing's estimate was quite reasonable.

6) Although static legal information retrieval systems i.e. Westlaw, have existed for more than 40 years, it is still a point of debate whether AI can (or should) be used to give legal advice. Currently, there is no perfect. AI tool for degal advice and most international courts have strict policies on the usage of AI in legal documents. Notable examples include: ROSS intelligence

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7) Realtime machine translation, although AI-complete
has been mostly solved through cutting-edge
Tring to kings (out in the control of the control o
include: Google Translate, Azule language, etc
5) Due to advancements in Natural language
Understanding (NLU), it has become possible for
AI to come up with intentionally furny stories,
albeit with some caveats. It is also possible for
an' AI such as-1 ChatGPT to distect a joke using
NLP and explain why its furny.
QUESTION#03:-
rille to the same of the state
Ans Domain: Playing a figting game (The King of
Fighters 2002: Unlimited Match)
Agent: Player 1, Player 2.
Environment: Deterministic, Sequential, Dynamic, Continuous, Multi-agent
Continuous, Multi-agent
Nu alan
An aleaning agent would be the best for
this domain because it can tailer it moves
this damain because it me this
this domain because it can tailer it moves

muction: at_ item_ ar 5) Bidding Oh bid the bid, Minimizing Winning house Auction Biddels. Auctioneer QUESTION#05:information. only pastial has agent an Rue. possibility of the existence the is there the is unknown 10 agent but that information more rational better. would lead to 爾decision. Since reflex whent agents only Kely. on be percept, they an would not rational in s equential envisonment state where each Oh PLOVIOUS state. Different talse. agents will differently perform similar envisonment S) As long the as agent is deterministic and computationally feasible, it can implemented be machine program. 6) A Landomized agent nas the possibility performing sationally in 0 deterministic environment. However, has negligible almost pubability

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