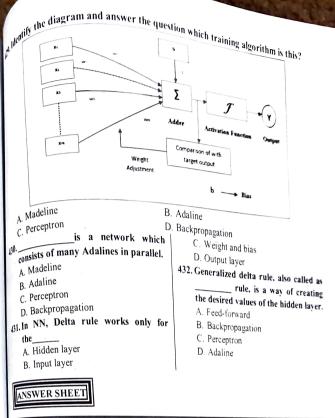
## 418. Which of the following is true about 423. The \_\_\_\_\_ is commonly used for association and optimization tack. association and optimization tasks the backpropagation algorithm? A. It is a supervised learning algorithm B. Biological neural network B. It is an unsupervised learning C. Hamming neural network D. McColloch Pits neural neuwork algorithm C. It is a reinforcement learning the input and output patterns are discrete vector, which 424. In algorithm D. It is a semi-supervised learning can be either binary 0,1 or bipolary 1,0 cature. algorithm 419. The backpropagation algorithm A. Continuous Hopfield n/w involves two phases. What are they? B. Discrete Hopfield N/W A. Forward propagation and backward C. Sequential Hopfield n/w propagation D. None of above 425. Continuous Hopfield Network in B. Feature selection and feature comparison with Discrete Hopfield extraction network, continuous network has C. Clustering and classification D. Regression and classification as a continuous variable. 420. Which of the following is the B. Range activation function commonly used in C. Time D. Velocity architecture can be build up the backpropagation algorithm? 426. by adding electrical components such B. Sigmoid A. Linear as amplifiers which can map the input D. Tanh C. ReLU voltage to the output voltage over a 421. The backpropagation law is also sigmoid activation function. known as generalized delta rule, is it A. Continuous Hopfield n/w true? B. Discrete Hopfield n/w A. Yes C. Sequential Hopfield n/wB. No D. None of above C. Partially yes 427. , is a network having D. Not sure a single linear unit. 422. \_\_\_\_ consists of a set of neurons A. Madeline B. Adaline where each neuron corresponds to a C. Backpropagation D. Perceptron pixel of the difference image and is 428. The basic structure of connected to all the neurons in the similar to perceptron having an extra neighborhood. feedback loop.

A. Madeline

B. Adaline

C. Backpropagation

D. None of above



1.D	2.D	3.D	4.A	5.C	6.B	7.B	8.C	9.D	10.D
11.B	12.D	13.C	14.D	15.A	16.D	17.D	18.A	19.B	20.D
21.B	22.D	23.D	24.D	25.A	26.B	27.D	28.D	29.B	30.C
31.B	32.A	33.D	34.C	35.C	36.B	37.D	38.A	39.B	40.C
41.A	42.D	43.D	44.C	45.C	46.B	47.C	48.B	49.A	50.A
51.A	52.C	53.A	54.B	55.A	56.C	57.A	58.A	59.A	60.B
61.A	62.A	63.B	64.B	65.D	66.B	67.C	68.A	69.B	70.B
'71.A	72.D	73.C	74.B	75.D	76.B	77.B	78.B	79.E	80.B
81.A	82.A	83.B	84.B	85.B	86.B	87.B	88.D	89.B	90.D
91.B	92.C	93.D	94.A	95.D	96.A	97.A	98.B	99.A	100.A
101.1	B 102.A	103.B	104.B	105.C	106.A	107.A	108.A	109.A	110.A

D. McColloch Pits neural network

A. Hopfield neural network

B. Biological neural network

C. Hamming neural network

111.A	112.A	113.A	114.B	15.B	116.B	117.A				4	1
121.B	122.A	123.B	124.A 1	25.C	126.C	127.A	118.		9.B		EREN
131.A	132.C	133.D	134.C	135.C	136.A	137.D	128.	15	9		No.
141.C	142.B	143.B	144.A	145.B	146.B	147.A	138.	C 13	9 1	0.0	opthegr
151.D	152.D	153.B	154.B	155.B	156.B	157.B	148	14	19 1	10.A	dpthes://i
161.B	162.B	163.A	164.A	165.A	166.A	167.B	158		500	50.0	https://
171.C	172.B	173.D	174.A	175.A	176.B	177.A	168 178	بالب	69.C	60.B	https://
181.C	182.C	183.D	184.B	185.D	186.D	187.B	188			70.B	Rus
191.A	192.A	193.D	194.E	195.A	196.C	197.B				180.B	orent
201.B	202.C	203.B	204.A	205.B	206.C	207.C				190.D 200.D	, Ru
211.B	212.D	213.B	214.D	215.B	216.C	217.A			- /·/\	210.B	Pren
221.A	222.B	223.B	224.A	225.B	226.C	227.B				220.C	AT
231.A	232.C	233.A	234.B	235.C	236.D	237.0		0	~29.B	230.A	and
241.B	242.B	243.B	244.D	245.B	246.C	247.1			239.D	240.B	·Al
251.A	252.A	253.B	254.A	255.D	256.B	257.I		58.D	249.A	250.B	, E.
261.A	262.A	263.D	264.A	265.B	266.B	267.1		68.D	259.A	260.B	
271.B	272.B	273.B	274.B	275.D	276.D	277.		78.B	269.E	270.A	, E
281.C	282.B	283.A	284.C	285.C	286.D	287.		88.B	279.B	280.A	· ·
291.B	292.B	293.D	294.D	295.D	296.C			298.A	289.A	290.I	B 1
301.C	302.C	303.D	304.D	305.D	306.0	307		308.A	299.A	300.	D
311.B	312.B	313.C	314.A	315.A	316.4	317		318.C	309.B	310.	
321.D	322.A	323.C	324.A	325.B	326.0			328.C	319.A	320.	
331.A	332.B	333.A	334.A	335.E	336.1			338.C	339.		.C
341.C	342.C	343.C	344.D	345.0	346.1			348.A	349.0		
351.C	352.B	353.D	354.B	355.	356.			358.D			
361.B	362.A	363.D	364.D	365.I	366.		7.A	368.D			0.0
371.A	372.C	·373.A	374.B	375.	A 376.		7.D	378.C			0.B
381.C	382.B	383.D	384.A	385.			7.B	388.E			80.A
391.A	392.C	393.A	394.B				7.B	398.	_		90.B
401.A	402.A		404.D				)7.C	408.1			00.B 10.B
411.A			414.D				17.B			_	20.B
421.A	422.A		424.E				_	418		_	430.A
431.D	432.E		424.0	423.	.C 426	).A 4.	27.B	428.	D 42	9.B 4	130.A
431.D	432.E	) <sub> </sub>									

"Al Problems," Medium, Jun. 30, 2020.

meuron Myths About Al," Spiceworks,

ost Common. (www.spiceworks.com/tech/artificial-intelligence/articles/common-myths-

ail
sel and P. Norvig, Artificial Intelligence: A Modern approach., 4th ed.

ice Hall, 2018.

<sub>lic</sub>e Hau., <sub>158</sub>el and P. Norvig, Artificial Intelligence : A Modern approach., 4th ed. tice Hall, 2018.

nice ...
ificial Intelligence", Basanta Joshi, PhD, Asst. Prof., Depart. of Electronics Computer Engineering, IOE

difficial Intelligence", Roshan Koju PhD, Visiting Lecturer at NCIF Rich and K. Knight, Artificial Intelligence. McGraw-Hill Science, Engineering

Mathematics, 1991. Rich and K. Knight, Artificial Intelligence. McGraw-Hill Science, Engineering Mathematics, 1991.

AI Techniques of Knowledge Representation - Javatpoint," www.javatpoint.co 2011. https://www.javatpoint.com/ai-techniques-of-knowledge-representation

K. H. Rosen, Discrete mathematics and its applications. New York, Ny Mcgraw-Education, 2019.

DigiGurukul, "Artificial Intelligence Notes Unit 2," Jan. 29, 2018. https://www.slideshare.net/DigiGurukulBlog/artificial-intelligence-notes-unit-

Learnbay Datascience, "Applications of expert system," Dec. 31, 2021. https://www.slideshare.net/RachitVerma25/applications-of-expert-system (accessed Feb. 22, 2023).

B. M. Gauri Rima, "Natural Language Processing (NLP) - ppt download," slideplayer.com. https://slideplayer.com/slide/14070514/ (accessed 22, 2023).

M. "Artificial Intelligence", Basanta Joshi, PhD, Asst. Prof., Depart. of Electro and Computer Engineering, IOE

15. "AI - Natural Language Processing - Tutorialspoint," Tutorialspoint.com, https://www.tutorialspoint.com/artificial\_intelligence/artificial\_intelligence l\_language\_processing.htm

16. E. Rich and K. Knight, Artificial Intelligence. McGraw-Hill Science, Engi & Mathematics, 1991.

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