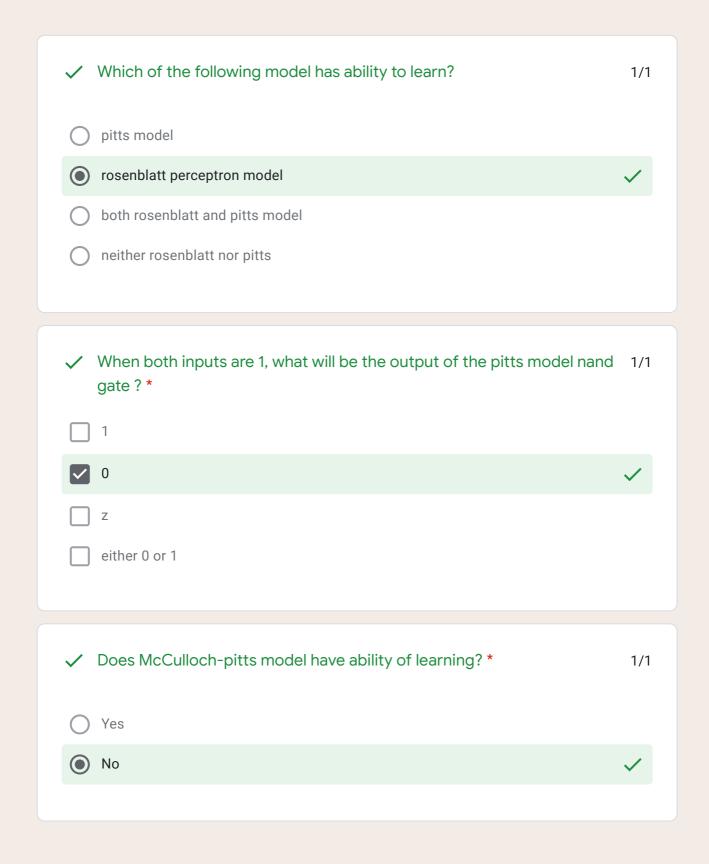


## Neural Network (Unit-2) Total points 10/10 Quizes Name \* **AMEY THAKUR** Email \* ameythakur@ternaengg.ac.in Division \* Activation value is associated with? \* 1/1 none of the mentioned

cell membrane potential

all of the mentioned



| <b>/</b>   | What was the 2nd stage in perceptron model called? 1/1  |
|------------|---|
| 0          | sensory units   |
| 0          | summing unit  |
| •          | association unit  |
| 0          | output unit   |
| <b>~</b>   | If a(i) is the input, ^ is the error, n is the learning parameter, then how can 1/1   |
|            | weight change in a perceptron model be represented? *   |
| 0          | na(i)   |
| 0          | n^  |
| $\bigcirc$ | ^a(i)   |
| •          | none of the mentioned   |
|            |   |
|            | What is an instar topology? 1/1   |
| •          | Triat is an install topology.   |
| •          | when input is given to layer F1, the the jth(say) unit of other layer F2 will be activated to maximum extent                  |
| 0          | when weight vector for connections from jth unit (say) in F2 approaches the activity pattern in F1(comprises of input vector) |
| $\bigcirc$ | can be either way   |
| 0          | none of the mentioned   |

| Other:   |          |
|--|----------|
|  |          |
| ✓ If two layers coincide & weights are symmetric(wij=wji), then what is t structure called?  | hat 1/1  |
| instar   |          |
| O outstar  |          |
| autoassociative memory   | <b>✓</b> |
| heteroassociative memory   |          |
|  |          |
| ✓ What does STM corresponds to?  | 1/1      |
|  |          |
| activation state of network  | <b>✓</b> |
| <ul><li>activation state of network</li><li>encoded pattern information pattern in synaptic weights</li></ul>  | <b>✓</b> |
|  | <b>✓</b> |
| encoded pattern information pattern in synaptic weights  | <b>✓</b> |
| <ul><li>encoded pattern information pattern in synaptic weights</li><li>either way</li><li>both way</li><li>Other:</li></ul>   | <b>\</b> |
| <ul><li>encoded pattern information pattern in synaptic weights</li><li>either way</li><li>both way</li></ul>  | <b>\</b> |
| <ul><li>encoded pattern information pattern in synaptic weights</li><li>either way</li><li>both way</li><li>Other:</li></ul>   | <b>\</b> |
| <ul><li>encoded pattern information pattern in synaptic weights</li><li>either way</li><li>both way</li><li>Other:</li></ul>   | <b>\</b> |
| <ul> <li>encoded pattern information pattern in synaptic weights</li> <li>either way</li> <li>both way</li> <li>Other:</li> <li>What was the main deviation in perceptron model from that of MP</li> </ul> |          |

| all of the mentioned |
|----------------------|
| one of the mentioned |
|                      |
|                      |

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