

Reinforcement Learning is when an agent is:

Select one:

- O a. presented multiple times (over time) with the same examples of inputs and their target outputs
- O b, only presented with the inputs and not target outputs, so it aims to find structure in these inputs
- c. not presented with target outputs, but instead given a reward signal that it aims to maximize
- O d. presented once with examples of inputs and their target outputs

When using Batch Normalization, in the Testing phase, the Mean and Variance of the activations at each n

Select one:

- O a. pre-computed from the training set
- O b. estimated using running averages
- c, either of the above
- O d. none of the above

Question 9

Not yet answered

Marked out of 1.00

F Flag question When comparing a Hopfield Network with a boltzmann Machine, which statement is FALSE?

Select one:

- O a. The range of activations is {-1,1}

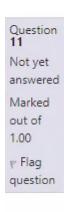
- nd stochastic for the other

Question 10

Not yet

Redurrent Network:

- ited from the current input and the previous hidden layer
- the inputs in a sliding window around the current timestep
- the hidden layer from the previous timestep
- on puted from the current input and the previous output



Which statement about word2vec is FALSE?

Select one:

- O a. Representations for the same word at the input and output layers are different
- O b. It aims to maximise the log probability of a word, based on the surrounding words
- c. The tanh activation function is used at the hidden nodes
- O d. Performance improves if frequent words are sampled less often

Question 12 Not yet answered Marked out of 1.00

Flag question Which of these is NOT a method for dealing with the problem of vanishing or exploding gradients?

Select one:

- O a. Batch Normalization
- O b. Rectified Linear Unit
- O ç. Weight Initialization
- d. Conjugate Gradients

