Date: \ \ \

i) What is the goal of Deep Reinforcement Learning (BRI)? of to maximize the neturn by optimal actions b. To minimize u " baking a i c. To satisfy decision-constraints it is d. None. 2) Assume that in a private cloud scenasio, the edge has 40VMs available initially. A customer demande 30VMs for 2 timeslots. If the agent takes an action with the values . Or 5. then bow many . VMs would be left out the edge at the end of first. time-slot? 0) 10

Date: \ 3) In the DDPG algorithm proise is added to actions choosen by the a Promote sub-optimal actions b. Prorease convergence apreed of promote exploration d. Mone 4. Which of the following is true with regard to a "soft-update" of target pasametess in DDPG. (Compare options) of traget network with a weighted sum of base & taget network b. Soft-updates mullius updating directly
from target network to the bue
network 6. Soft-updates involves updating directly
from base network to tasget network d Kil of thrown Soft -updating involves parameters of base network with a weighted sum of base staged. 5. In DPPG, which of the following is the about the critic network? a. Estimates the value function b. Estimates the policy e. Uses the actor's current action to compute (current) a-values d. Uses MSE loss between current A-values & target Q-values. 6. In DBPG, which of the following about the actor network? a Estimates the value-function b. Estimates the policy &. Uses the critic's o-value to compute loss (or its gradient) d. Uses MSE Loss between current a-values & target a-value.

Date: \

7. In ANIS,—are designed as independent failure zores that are physically
failure gores that are physically
separated.
a- Regions
6. Availability zones
e. Edge Locations
d. None walles and selection
oston his min detan and aself .
8. In a tradional traditional asynchro
thous replication between distant
data centers, committing data to
storage (SSD) is not fast enough
betweetore poses a dallenge. The strott
a) True (b) false
- 11.1 a/a / 11. a a a a a a a a a a a a a a a a a a
a which of follow provides compute againty
a. S3 for ANS?
C. SES
whomas thereal a position of they areas
10- Which of tollow- provides PNS services
or Poute 53 to AWS?
p. ECD
c. SQ5