Unnati Development and Training Center Pvt Ltd

CKA – Module2 Gradable Task

Sr. NO.	Tasks
1.	Create a Secret named `db-credentials` with keys `username=admin` and `password=redhat123`
2.	Create a ConfigMap named `app-config` with key `APP_MODE=production`
3.	Create a Pod named `custom-pod` running `nginx` with annotation `purpose=test`
4.	Create a NodePort Service named `np-service` exposing a pod running `nginx` on port 80
5.	Taint a node with `key=team`, `value=dev`, `effect=NoSchedule` and create a pod `dev-app` that tolerates it
6.	Create a PersistentVolume `local-pv` and PersistentVolumeClaim `myclaim` that bind successfully
7.	Create a pod `host-logger` that mounts `/var/log` from the host using hostPath to `/mnt/logs` in the container
8.	Create a pod `logger-pod` using `emptyDir` volume mounted at `/tmp/logs`
9.	Create a pod `full-stack-app` running `nginx` with label `app=web`