Devops Evaluation Quiz

INTRODUCTION TO DEVOPS – QUIZ

Scored / Total marks: 4 / 5

WHICH OF THESE SOFTWARE DEVELOPMENT METHODOLOGIES ARE NOT SUITABLE FOR LARGE AND COMPLEX PROJECTS?

MARKED ANSWER :

1. WATERFALL MODEL ❌

CORRECT ANSWER : **BOTH 1 AND 3**

| TOTAL MARKS : 1 |
| MARKS OBTAINED 0 |

DEVOPS METHODOLOGY IS FOCUSED ON SOLVING THE PROBLEMS BETWEEN THE OPERATIONS TEAM & THE DEVELOPER TEAM

MARKED ANSWER :

TRUE ✔

CORRECT ANSWER : **TRUE**

| TOTAL MARKS : 1 |
| MARKS OBTAINED 1 |

WHICH OF THESE PRINCIPLES ARE NOT INCLUDED IN AGILE METHODOLOGIES?

MARKED ANSWER :

ELIMINATING WASTE ✔

CORRECT ANSWER : **ELIMINATING WASTE**

| TOTAL MARKS : 1 |
| MARKS OBTAINED 1 |

WHICH LIFECYCLE STAGE IN DEVOPS HELPS IN TRANSITION FROM ONE STAGE TO ANOTHER?

MARKED ANSWER :

CONTINUOUS INTEGRATION ✔

CORRECT ANSWER : **CONTINUOUS INTEGRATION**

| TOTAL MARKS : 1 |
| MARKS OBTAINED 1 |

WHICH TOOL AMONG THE FOLLOWING HELPS IN CONTAINERIZATION?

MARKED ANSWER :

DOCKER ✔

CORRECT ANSWER : **DOCKER**

| TOTAL MARKS : 1 |
| MARKS OBTAINED 1 |

VERSION CONTROL WITH GIT – QUIZ

Scored / Total marks: 5 / 5

WHICH OF THE FOLLOWING IS A CHARACTERISTICS OF A CENTRALIZED VERSION CONTROL SYSTEM?

MARKED ANSWER :
VERSION HISTORY IS NOT AVAILABLE ON THE LOCAL STORAGE AS WELL ✔

CORRECT ANSWER :
VERSION HISTORY IS NOT AVAILABLE ON THE LOCAL STORAGE AS WELL

TOTAL MARKS : 1

MARKS OBTAINED 1

WHICH OF THE FOLLOWING SHOULD GIT REBASE BE USED ON?

MARKED ANSWER :
LOCAL BRANCH ✔

CORRECT ANSWER : LOCAL BRANCH

TOTAL MARKS : 1

MARKS OBTAINED 1

WHICH OF THE FOLLOWING WORKFLOW SHOULD BE USED, IF WE WANT TO DEPLOY MULTIPLE FEATURES AT ONCE.
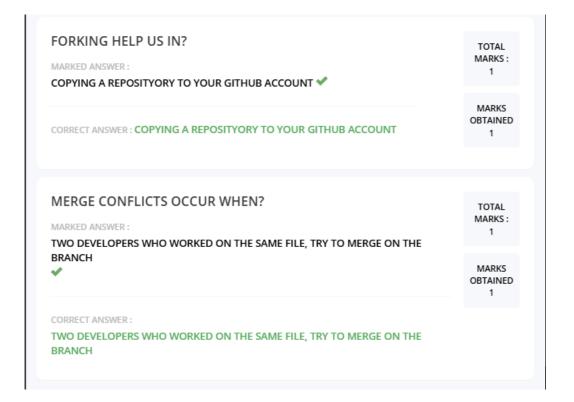
MARKED ANSWER :
GIT FLOW WORKFLOW ✔

CORRECT ANSWER : GIT FLOW WORKFLOW

TOTAL MARKS : 1

MARKS OBTAINED 1

FORKING HELP US IN?

MARKED ANSWER :
COPYING A REPOSITYORY TO YOUR GITHUB ACCOUNT ✔

CORRECT ANSWER : COPYING A REPOSITYORY TO YOUR GITHUB ACCOUNT

TOTAL MARKS : 1

MARKS OBTAINED 1

MERGE CONFLICTS OCCUR WHEN?

MARKED ANSWER :
TWO DEVELOPERS WHO WORKED ON THE SAME FILE, TRY TO MERGE ON THE BRANCH
✔

CORRECT ANSWER :
TWO DEVELOPERS WHO WORKED ON THE SAME FILE, TRY TO MERGE ON THE BRANCH

TOTAL MARKS : 1

MARKS OBTAINED 1

CONTAINERIZATION USING DOCKER – QUIZ

Scored / Total marks: 4 / 5

DOCKER CONTAINERS INCLUDE THE KERNEL OF OS AS WELL?

MARKED ANSWER :
FALSE ✔

CORRECT ANSWER : FALSE

TOTAL MARKS : 1

MARKS OBTAINED 1

HOW TO SAVE AN IMAGE OF DOCKER ON DISK?

MARKED ANSWER :
DOCKER SAVE ❌

CORRECT ANSWER : DOCKER COMMIT

TOTAL MARKS : 1

MARKS OBTAINED 0

_____ IS A SERVICE FROM DOCKER WHICH PROVIDES REGISTRY CAPABILITIES FOR PUBLIC AND PRIVATE DOCKER IMAGES
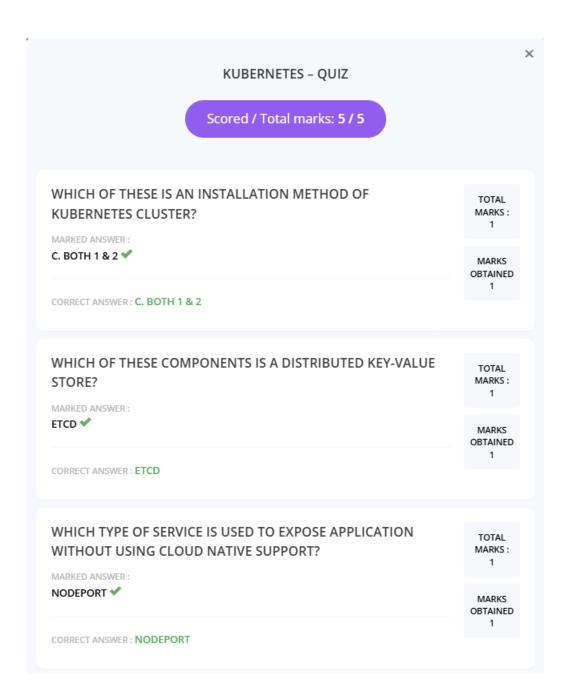
MARKED ANSWER :
DOCKER HUB ✔

CORRECT ANSWER : DOCKER HUB

TOTAL MARKS : 1

MARKS OBTAINED 1

VIRTUAL MACHINES INCLUDE THE KERNEL OF THE OS?

MARKED ANSWER :
TRUE ✔

CORRECT ANSWER : TRUE

TOTAL MARKS : 1

MARKS OBTAINED 1

CONTAINERS RUNNING ON THE SAME MACHINE, SHARE THE UNDERLYING KERNEL OF THE HOST OS?

MARKED ANSWER :
TRUE ✔

CORRECT ANSWER : TRUE

TOTAL MARKS : 1

MARKS OBTAINED 1

ANSIBLE – QUIZ

Scored / Total marks: 5 / 5

CHOOSE THE INCORRECT OPTION: ANSIBLE PLAYBOOKS

MARKED ANSWER :
ARE WRITTEN IN PYTHON ✔

CORRECT ANSWER : ARE WRITTEN IN PYTHON

TOTAL MARKS : 1

MARKS OBTAINED 1

CHOOSE THE CORRECT OPTION:

MARKED ANSWER :
ANSIBLE INVENTORY CONTAINS LIST OF HOST NODES ✔

CORRECT ANSWER : ANSIBLE INVENTORY CONTAINS LIST OF HOST NODES

TOTAL MARKS : 1

MARKS OBTAINED 1

YAML FILE IS STARTED WITH

MARKED ANSWER :
— ✔

CORRECT ANSWER : —

TOTAL MARKS : 1

MARKS OBTAINED 1

CHOOSE THE INCORRECT OPTION:

MARKED ANSWER :
ANSIBLE ROLES CAN BE USED INDEPENDENTLY OUTSIDE PLAYBOOK ✔

CORRECT ANSWER :
ANSIBLE ROLES CAN BE USED INDEPENDENTLY OUTSIDE PLAYBOOK

TOTAL MARKS : 1

MARKS OBTAINED 1

INVENTORY FILE CAN BE FOUND IN:

MARKED ANSWER :
/ETC/ANSIBLE/HOSTS ✔

CORRECT ANSWER : /ETC/ANSIBLE/HOSTS

TOTAL MARKS : 1

MARKS OBTAINED 1

CONTINUOUS INTEGRATION WITH JENKINS – QUIZ

Scored / Total marks: 5 / 5

DO THE SLAVES NEED JENKINS INSTALLED ON THEM?

MARKED ANSWER :

FALSE ✔

CORRECT ANSWER : FALSE

TOTAL MARKS : 1

MARKS OBTAINED 1

WHICH PLUGIN IN JENKINS HELPS US TO SEE THE PIPELINE VIEW?

MARKED ANSWER :

BUILD PIPELINE ✔

CORRECT ANSWER : BUILD PIPELINE

TOTAL MARKS : 1

MARKS OBTAINED 1

WHICH PROTOCOL IN JENKINS IS USED TO CONNECT TO JENKINS SLAVE?

MARKED ANSWER :

JNLP ✔

CORRECT ANSWER : JNLP

TOTAL MARKS : 1

MARKS OBTAINED 1

WHICH OF THESE WILL HELP YOU IN TRIGGERING JOBS FROM GIT AUTOMATICALLY?

MARKED ANSWER :

GIT WEBHOOK ✔

CORRECT ANSWER : GIT WEBHOOK

TOTAL MARKS : 1

MARKS OBTAINED 1

CAN JENKINS EXECUTE JOBS WITHOUT SLAVES?

MARKED ANSWER :

YES ✔

CORRECT ANSWER : YES

TOTAL MARKS : 1

MARKS OBTAINED 1

KUBERNETES – QUIZ

Scored / Total marks: 5 / 5

WHICH OF THESE IS AN INSTALLATION METHOD OF KUBERNETES CLUSTER?

MARKED ANSWER :

C. BOTH 1 & 2 ✔

CORRECT ANSWER : C. BOTH 1 & 2

| TOTAL MARKS : 1 |
| MARKS OBTAINED 1 |

WHICH OF THESE COMPONENTS IS A DISTRIBUTED KEY-VALUE STORE?

MARKED ANSWER :

ETCD ✔

CORRECT ANSWER : ETCD

| TOTAL MARKS : 1 |
| MARKS OBTAINED 1 |

WHICH TYPE OF SERVICE IS USED TO EXPOSE APPLICATION WITHOUT USING CLOUD NATIVE SUPPORT?

MARKED ANSWER :

NODEPORT ✔

CORRECT ANSWER : NODEPORT

| TOTAL MARKS : 1 |
| MARKS OBTAINED 1 |

WHICH OF THESE IS NOT A COMPONENT OF KUBERNETES SLAVE?

MARKED ANSWER :

SCHEDULER ✔

CORRECT ANSWER : SCHEDULER

| TOTAL MARKS : 1 |
| MARKS OBTAINED 1 |

WHICH COMPONENTS HELPS US TO ROUTE TRAFFIC BASED ON USER REQUEST?

MARKED ANSWER :

INGRESS ✔

CORRECT ANSWER : INGRESS

| TOTAL MARKS : 1 |
| MARKS OBTAINED 1 |