1006E571   Candidate's Seat No :_____

M.Sc Sem.-2 Examination
P - 410
Cyber Security & Forensics

Time : 2-00 Hours]   June 2022   [Max. Marks : 50

Question.1 Answer the following questions(Any Six, Each carry 7 Marks)   [42 Marks]

A   Describe the characteristics of cloud computing.
B   Explain the Limitations of cloud computing.
C   Explain the cloud deployment model.
D   Draw a responsibilities chart in the cloud.
E   Explain cloud storage architecture.
F   Explain any seven roles of AI in cloud computing.

G   What is Container? Explain its features.
H   Give the difference between virtual machines and containers.
I   What is Docker? Explain Docker Operations.
J   Give the difference between Microservices and Docker
K   What is cloud hacking? How can an attacker profit from hacking the cloud?
L   Write down any seven-cloud security risks and describe them.
M   What is cloud security? Explain cloud security control layers.
N   Write down any seven Kubernetes vulnerabilities and describe them.
O   Give the difference between Kubernetes and Docker.
P   Explain any seven container security challenges.

Question.2 Answer the following questions(Any Eight, each carry 1 Mark)   [8Marks]

a   What is cloud computing?
b   Distributed storage
c   Virtualization Technology
d   Multi-Cloud
e   Microsoft Azure
f   Write down any two limitations of cloud computing.
g   What is Docker?
h   What is Container Orchestration?
i   Container-as-a-Service
j   Public cloud
k   Cloud Auditor
l   Seamless Data access
m   What is cloud computing threats?
n   What is Cloud Broker?
o   Write down any two-container technology architecture Tier.
p   What is DevOps?
q   SECaaS
r   What is cloud hacking?
s   Give Full form of S3
t   What is CCAT?
u   Two advantages of PaaS.
v   Two Disadvantages of SaaS.