

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, May2020

Course: Privacy & Security in Social Media World

Semester:VIII

Program:B.Tech CSE+CSF+GG

Time : 03 hrs.

Course Code: CSIB 407

Max. Marks: 100

SECTION A

(30*2=60)

Q.1 An online social media consists of which of the following?

- a. nodes and links (Correct)
- b. structures and links
- c nodes and structures
- d none

Q.2 Which of the following is the social networking platform is meant for professional use?

- a. LinkedIn (Correct)
- b.Facebook
- c.Instagram
- d.QQ

Q.3 Which of the following social networking applications is owned bt Microsoft?

- a. QQ
- b.Skype (Correct)
- c.Sina Weibo
- d.Qzone

Q.4 Which of the following is not an advantage of Mongo DB over RDBMS?

- a. Schemless
- b. Tuning
- c. Deep Query Ability
- d. none (correct)

Q.5 Which of the following do not use Mongo DB?

- a. Big Data
- b. Content Management and Delivery
- c.Mobile and Social Infrastructure
- d. None (correct)

Q.6 Which of the following data types is not use in MongoDB?

- a.Timestamp

- b.Object
- c.Symbol
- d. None (correct)

Q.7 Hadoop was developed to support distribution of which search engine project?

- A. Bing
- b. Nutch (Correct)
- C.Yandex
- C.DuckDuck Go

Q.8 Which of the following is not the goal/requirement for Hadoop?

- a. High scalability and availability
- b.Fault Tolerance
- c. Both a and b
- d. None (Correct)

Q.9 Which of the following is the part of data access framework in Hadoop?

- a. Pig
- b. Hive
- c. Sqoop
- d.All (Correct)

Q.10 Which of the following can be considered as Spam email?

- a. Hoax virus warnings
- b.Hoax Charity Appeals
- c.Advertising
- d. All (Correct)

Q.11 Which of the following is not a way for spammer to obtain your email address?

- a. Using Automated Software
- b.Hacking into legitimate websites
- c.Buying from other spammers
- d. None (Correct)

Q.12 Which of the following do not serve as warning signs in spam email?

- a. Misspellings
- b.Virus Warning
- c.Urgent Offer
- d. None (Correct)

Q.13 API stands for

- A.Application Programming Interface (Correct)
- B. Application Parallel Interface
- C.Application Parallel Insight
- D. Application Programming Insight

Q.14 SQL databases are primarily called as _____ databases whereas NoSQL database are primarily called as _____ database.

- A. Relational, Non Relational
- B. Non Relational , Relational
- C. RDBMS, Distributed
- D. Both A and C (Correct)

Q.15 SQL databases are _____ based databases whereas NoSQL databases are _____

- a. Table, document
- b. Table, key-value pair
- c. Table, wide column
- d. All (Correct)

Q.16 SQL databases have _____ schema whereas NoSQL databases have _____ schema for unstructured data.

- A. Predefined, Dynamic (Correct)
- B. Dynamic, Predefined
- C. Dynamic, Dynamic
- D. Predefined, Predefined

Q.17 SQL databases are _____ scalable whereas the NoSQL databases are _____ scalable

- A. vertically, horizontally (correct)
- B. horizontally, vertically
- c. Vertically, vertically
- d. Horizontally, Horizontally

Q.18 Which of the following is/are SQL database?

- a. Postgres
- b. MySQL
- c. Oracle
- d All (Correct)

Q.19 Which of the following is not an example of NoSQL database?

- A. MongoDB
- B. BigTable
- C. Redis
- D. None (Correct)

Q.20 'D' in ACID properties refers to?

- A. Durability (Correct)
- B. Diagnostically
- C. Distance
- D. Ductility

Q.21 Which of the following comes under legal issues in privacy and security as part of jurisdiction?

- A. Location of Customer
- B. Location of Business
- C. Location of Server
- D. All (Correct)

Q.22 Which of the following is not a type of network security?

- A. Firewall
- B. Antivirus
- C. Antimalware
- D. None (Correct)

Q.23 NAC is defined as

- A. Network Access Control (Correct)
- B. Neural Access Control
- C. Network Atomicity Control
- D. Network Access Cost

Q.24 Malware includes which of the following?

- A. Virus
- B. Worms
- C. Trojan
- D. All (Correct)

Q.25 DLP refers to?

- A. Data Loss Portability
- B. Data Loss Prevention (Correct)
- C. Disk Loss Prevention
- D. Disk Loss Portability

Q.26 A/An _____ scans network traffic to actively block attacks.

- A. intrusion prevention system (Correct)
- B. Application Security
- C. Access Control
- D. VPN

Q.27 Which of the following is not a type of firewall?

- A. Packet Filtering Firewall
- B. Next Generation Firewall
- C. Proxy Firewall
- D. None (Correct)

Q.28 Which of the following is not a component of Mobile Device Security?

- A. Endpoint

- B VPN
- C. Web Gateway
- D. None (Correct)

Q.29 Endpoint security software uses _____ and application control to secure devices accessing the enterprise network

- A. Encryption (Correct)
- B. Two level Security
- C. Firewall
- D. All

Q.30 Which of the following is not a type of Phishing Attack?

- A. Spear
- B. Whaling
- C. Vishing
- D. None (Correct)

SECTION B

(2*10=20)

Q. 1. Define an online Social Network. What are its two categories? Explain atleast eight different types of OSN. CO1

Q.2 Define and explain trust and credibility on OSM. CO2,CO1
OR

Define Firewall? Why is it needed. Explain all the different types available.

SECTION C

(2*10=20)

Q.3 Discuss the 5 V's of big data in detail CO3

Q.4 Define the different types of network security. CO1