

Name:

Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

Online End Semester Examination, May 2021

Course: Privacy and Security in Social Media

Program: B. Tech CSE+CSF

Course Code: CSSF 4009P

Semester: VIII

Time: 03 hrs.

Max. Marks: 100

SECTION A

1. Each Question will carry 5 Marks

2. Instruction: Complete the statement / Select the correct answer(s)

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Q 1	<p>An online social media consists of which of the following?</p> <ul style="list-style-type: none">a. nodes and linksb. structures and linksc nodes and structuresd none <p>Which of the following is the social networking platform is meant for professional use?</p> <ul style="list-style-type: none">a. LinkedInb. Facebookc. Instagramd. QQ		CO1
Q 2	<p>Which of the following social networking applications is owned but Microsoft?</p> <ul style="list-style-type: none">a. QQb. Skypec. Sina Weibod. Qzone <p>Which of the following is not an advantage of Mongo DB over RDBMS?</p> <ul style="list-style-type: none">a. Schemlessb. Tuningc. Deep Query Abilityd. none		CO2

<p>Q 3</p>	<p>Which of the following can be considered as Spam email?</p> <ul style="list-style-type: none"> a. Hoax virus warnings b. Hoax Charity Appeals c. Advertising d. All <p>Which of the following is not a way for spammer to obtain your email address?</p> <ul style="list-style-type: none"> a. Using Automated Software b. Hacking into legitimate websites c. Buying from other spammers d. None 		<p>CO2</p>
<p>Q 4</p>	<p>Hadoop was developed to support distribution of which search engine project?</p> <ul style="list-style-type: none"> A. Bing B. Nutch C. Yandex D. DuckDuck Go <p>Which of the following is not the goal/requirement for Hadoop?</p> <ul style="list-style-type: none"> a. High scalability and availability b. Fault Tolerance c. Both a and b d. None 		<p>CO3</p>
<p>Q 5</p>	<p>SQL databases have _____ schema whereas NoSQL databases have _____ schema for unstructured data.</p> <ul style="list-style-type: none"> A. Predefined, Dynamic B. Dynamic, Predefined C. Dynamic, Dynamic D. Predefined, Predefined <p>SQL databases are _____ scalable whereas the NoSQL databases are _____ scalable</p> <ul style="list-style-type: none"> A. vertically, horizontally B. horizontally, vertically c. Vertically, vertically d. Horizontally, Horizontally 		<p>CO3</p>
<p>Q 6</p>	<p>Which of the following is not an example of NoSQL database?</p> <ul style="list-style-type: none"> A. MongoDB B. BigTable 		<p>CO3</p>

	<p>C. Redis D. None</p> <p>‘D’ in ACID properties refers to?</p> <p>A. Durability B. Diagnostically C. Distance D. Ductility</p>		
SECTION B			
<p>1. Each question will carry 10 marks 2. Instruction: Write short / brief notes</p>			
Q 7	Share your opinion on Network Analysis of Fake Accounts and explain how to design privacy enhancing solutions in HCI.		CO2
Q 8	Discuss on online Social Media Network. What are its two categories? Explain at least eight different types of OSN		CO1
Q 9	Elaborate about the trust and credibility on OSM. Also, discuss various OSM APIs and tools for data collection.		CO1
Q 10	<p>Highlight the different types of network security issues, with example. Differentiate between Spam and Scam Email</p> <p style="text-align: center;">OR</p> <p>Discuss the different Incidents possible in Privacy & Security online social media world.</p>		CO2
Q 11	What do you understand by Big Data? Discuss the 5 V’s of big data in detail		CO3
SECTION C			
<p>1. Each Question carries 20 Marks. 2. Instruction: Write long answer.</p>			
Q 12	<p>A) Explain big data Architecture. Discuss various OSM APIs and tools for data collection. B) Elaborate the different types of network security mechanism. Give example for each.</p> <p style="text-align: center;">OR</p> <p>A) Discuss Challenges, opportunities, and pitfalls in online social networks. Define the Legal issues in privacy and security. B) Discuss Boundary regulation processes, and Privacy paradoxes in HCI</p>		CO3