

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)**

S. No.			CO
Q 1	<p>An online social media consists of which of the following?</p> <ul style="list-style-type: none"><li>a. nodes and links</li><li>b. structures and links</li><li>c nodes and structures</li><li>d none</li></ul> <p>Which of the following is the social networking platform is meant for professional use?</p> <ul style="list-style-type: none"><li>a. LinkedIn</li><li>b. Facebook</li><li>c. Instagram</li><li>d. QQ</li></ul>		CO1
Q 2	<p>Which of the following social networking applications is owned but Microsoft?</p> <ul style="list-style-type: none"><li>a. QQ</li><li>b. Skype</li><li>c. Sina Weibo</li><li>d. Qzone</li></ul> <p>Which of the following is not an advantage of Mongo DB over RDBMS?</p> <ul style="list-style-type: none"><li>a. Schemless</li><li>b. Tuning</li><li>c. Deep Query Ability</li><li>d. none</li></ul>		CO2

<p>Q 3</p>	<p>Which of the following can be considered as Spam email?</p> <ul style="list-style-type: none"> <li>a. Hoax virus warnings</li> <li>b. Hoax Charity Appeals</li> <li>c. Advertising</li> <li>d. All</li> </ul> <p>Which of the following is not a way for spammer to obtain your email address?</p> <ul style="list-style-type: none"> <li>a. Using Automated Software</li> <li>b. Hacking into legitimate websites</li> <li>c. Buying from other spammers</li> <li>d. None</li> </ul>		<p><b>CO2</b></p>
<p>Q 4</p>	<p>Hadoop was developed to support distribution of which search engine project?</p> <ul style="list-style-type: none"> <li>A. Bing</li> <li>B. Nutch</li> <li>C. Yandex</li> <li>D. DuckDuck Go</li> </ul> <p>Which of the following is not the goal/requirement for Hadoop?</p> <ul style="list-style-type: none"> <li>a. High scalability and availability</li> <li>b. Fault Tolerance</li> <li>c. Both a and b</li> <li>d. None</li> </ul>		<p><b>CO3</b></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"> <li>A. Predefined, Dynamic</li> <li>B. Dynamic, Predefined</li> <li>C. Dynamic, Dynamic</li> <li>D. Predefined, Predefined</li> </ul> <p>SQL databases are _____ scalable whereas the NoSQL databases are _____ scalable</p> <ul style="list-style-type: none"> <li>A. vertically, horizontally</li> <li>B. horizontally, vertically</li> <li>c. Vertically, vertically</li> <li>d. Horizontally, Horizontally</li> </ul>		<p><b>CO3</b></p>
<p>Q 6</p>	<p>Which of the following is not an example of NoSQL database?</p> <ul style="list-style-type: none"> <li>A. MongoDB</li> <li>B. BigTable</li> </ul>		<p><b>CO3</b></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>		
<b>SECTION B</b>			
<p><b>1. Each question will carry 10 marks</b>  <b>2. Instruction: Write short / brief notes</b></p>			
Q 7	Share your opinion on Network Analysis of Fake Accounts and explain how to design privacy enhancing solutions in HCI.		<b>CO2</b>
Q 8	Discuss on online Social Media Network. What are its two categories? Explain at least eight different types of OSN		<b>CO1</b>
Q 9	Elaborate about the trust and credibility on OSM. Also, discuss various OSM APIs and tools for data collection.		<b>CO1</b>
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;"><b>OR</b></p> <p>Discuss the different Incidents possible in Privacy &amp; Security online social media world.</p>		<b>CO2</b>
Q 11	What do you understand by Big Data? Discuss the 5 V’s of big data in detail		<b>CO3</b>
<b>SECTION C</b>			
<p><b>1. Each Question carries 20 Marks.</b>  <b>2. Instruction: Write long answer.</b></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;"><b>OR</b></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>		<b>CO3</b>