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UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, July-Aug 2020

Course: Security in Mobile Computing   **Semester: VIII**
Program: B.Tech CS with SPZ in Mobile Computing   **Time 03 hrs.**
Course Code: CSIT452   **Max. Marks: 100**

Instructions: Attempt all Questions

Section A   **5*6 Marks**

1. Try not to keep _____ passwords, especially fingerprint for your smart-phone, because it can lead to physical hacking if you're not aware or asleep.
   a) Biometric
   b) PIN-based
   c) Alphanumeric
   d) Short

2. Which of the following tool is used for Blackjacking?
   a) BBAttacker
   b) BBProxy
   c) Blackburried
   d) BBJacking

3. BBProxy tool is used in which mobile OS?
   a) Android
   b) Symbian
   c) Raspberry
   d) Blackberry

4. Which of the following is not a security issue for PDAs?
   a) Password theft
   b) Data theft
   c) Reverse engineering
   d) Wireless vulnerability

5. Phishers often develop _____ websites for tricking users & filling their personal data.
   a) legitimate
   b) illegitimate
   c) genuine
   d) official

6. Which of the following type of data, phishers cannot steal from its target victims?
   a) bank details
   b) phone number
   c) passwords
   d) apps installed in the mobile

Section B   **10*5 Marks**

7. Explain and evaluate various web based and network based security threats in mobile security?
8. Analyze various physical threats of stolen mobile devices.
9. Elaborate various strategies for secure development in mobile computing.
10. Analyze various cryptographic techniques used in mobile security?
11. Explain Hash function with a working example.

Section C   **20 Marks**

12. How to validate server privilege boundary in networked applications and How to use certificates and avoiding man-in-the-middle in mobile security?

            OR

    Explain in detail about mobile cloud computing and its security issues?