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No.
Date

Question 1

a) MZ, Windows Executable. This is found on first two bytes of file header.

b)
- IDA Pro
- Ghidra
- WinDebugger
- Leafpad

c)
- exhibit A is a ransomware
- The victim's files are encrypted
- The encryption key is generated with CryptGenKey
- The victim must purchase the key to decrypt the files on darknet

Question 2

a) Botnet
- Amasses infected hosts called 'zombies' to perform massive scale attacks
- Coordinated by one central control machine
- Example : Conficker

Worm
- Released on a network to infect connected machines and install malwares and backdoors
- Worm infects other hosts without direct control from hacker.
- Example: MSBlast

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b) i. 9

ii.
```
int main()
{
    int x;
    char * aPleaseEnterAMa = "Please Enter a Magic
    Number > ";

    cout <<aPleaseEnterAMa;

    if( x == 9 )
    {
        cout << "You enter the RIGHT number";
    }
    else
    {
        cout << "You enter the WRONG number";
    }

    return 0;
}
```