Q.1) MySQL, by default, runs on port # _____
   A: 3304
   B: 2802
   C: 3306
   D: 2801

Q.2) To create a database in MySQL, the _____ DATABASE statement is used.
   A: MAKE
   B: CREATE
   C: BUILD
   D: NEW

Q.3) Windows uses _____ characters to mark EOL.

   A: A: \n
   B: B: \r
   C: C: \r\n
   D: D: \n\r

Q.4) To find out the default EOL for your OS, use _____

   A: A: os.linesep
   B: B: os.eol
   C: C: eol.os
   D: D: linesep.os()

Q.5) The _____ is used to close the open file.

   A: file.exit()
   B: exit(file)
   C: close(file)
   D: file.close()

Q.6) readlines() reads the entire file into memory as a python _____.
   A: string
   B: list
   C: tuple
   D: dict

Q.7) read() reads the entire file into memory as a python _____.

    A: string
    B: list
    C: tuple
    D: dict

Q.8) The Python _____ module provides regular expression support.

    A: regex

    B: re

    C: rege

    D: None of the above

Q.9) The _____method takes a regular expression pattern and a string and searches for that pattern within the string.

    A: re.search()

    B: regex.search()

    C: rege.search()

    D: regex.find()

Q.10) If the regular expression search method is successful, it returns a_____.

    A: join object

    B: match object

    C: find object

    D: return object

Q.11) When using regular expression, the _____ object has a method called _____ which will return the matching text.

    A: join, find

    B: match, group

    C: find, group

D: match, find

Q.12) When using regular expression, if the search is unsuccessful, it returns _____.

A: None

B: Error

C: True

D: Null

Q.13) When using Regular Expression, the _____ character matches any single character except newline '\n'

A: $

B: ?

C: * (asterisk)

D: . (period)

Q.14) When using Regular Expression, the _____ matches a "word" character: a letter or digit or underbar [a-zA-Z0-9_]

A: \w

B: \W

C: \c

D: \C

Q.15) When using Regular Expression, the _____ matches any non-word character.

A: \w

B: \W

C: \c

D: \C

Q.16) When using Regular Expression, the _____ matches a single whitespace character

A: \w

B: \W

C: \s

D: \S

Q.17) When using Regular Expression, the _____ matches a single non-whitespace character

A: \w

B: \W

C: \s

D: \S

Q.18) When using Regular Expression, the _____ matches a single non-whitespace character

A: \w

B: \W

C: \s

D: \S

Q.19) _____is the general name for types of attacks which depend on inserting code, which is interprated by the application.

A: File Injection

B: CSRF

C: Code Injection

D: DOS

Q.20) The purpose /object of the _____ attack is to inject and execute commands specified by the attacker in the vulnerable application.

A: File Injection

B: CSRF

C: Command Injection

D: DOS

Q.21) _____ attacks are a type of injection problem, in which malicious scripts are injected into the trusted web sites.

A: File Injection

B: XSS

C: Directory Traversal

D: DOS

Q.22) _____vulnerabilities occur when developers fail to use authentication methods that have been adequately tested and rely on their own, often flawed, method for authenticating users.

A: File Injection

B: XSS

C: Directory Traversal

D: Broken authentication

Q.23) _____is when a web application exposes an internal implementation object to the user.

A: File Injection

B: Insecure Direct Object Reference

C: Directory Traversal

D: Broken authentication

Q.24) Open Redirects, and Directory Traversals are all examples of _____

A: File Injection

B: Insecure Direct Object Reference

C: Directory Traversal

D: Broken authentication

Q.25) _____ is an attack which forces an end user to execute unwanted actions on a web application in which he/she is currently authenticated.

A: CSRF

B: Insecure Direct Object Reference

C: Directory Traversal

D: Broken authentication

Q.26) _____occurs when an application doesn't securely encrypt it's sensitive data when it is stored into a database.

A: CSRF

B: Insecure Direct Object Reference

C: Insecure cryptographic storage

D: Broken authentication

Q.27) _____typically happens when a page doesn't have the correct access control policy in place.

A: Failing to restrict URL access

B: Insecure Direct Object Reference

C: Insecure cryptographic storage

D: Broken authentication

Q.28) Pre attack phase which gathers information about a computer system and the companies it belongs to is known as
A: foot printing
B: flood
C: DoS
D: None of the above

Q.29) Search engine which is used for banner grabbing is
A: Google hack database
B: SHODAN
C: yahoo
D: None of the above

Q.30) Tool which shows the path taken by the packet to reach its destination
A: who is
B: nmap
C: wireshark
D: trace route

Q.31) What does ICMP Type and code for 'Destination network unreachable ' message

   A: Type 0, code 0
   B: Type 3 , Code 0
   C: Type 8, Code 0
   D: None of the Above

Q.32) Which form of authentication does WPA2 use?

   A: Passphrase only
   B: 802.1x/EAP/RADIUS
   C: Passphrase or 802.1x/EAP/RADIUS
   D: AES

Q.33) Which group of malware record every movement on a computer?

   A: Trapper
   B: Trojan Horse
   C: Key logger
   D: Worm

Q.34) Which one is not a countermeasure against Malware ?

   A: Updating System with latest patches
   B: Taking backup regularly
   C: End User security training
   D: Installing MS Office

Q.35) What type of password attack would be more successful against the password T68k$Sp24K9

   A: Dictionary
   B: Brute force
   C: Password Guessing
   D: Hybrid

Q.36) Eavesdropping means

   A: art of interacting with people either face to face or over the telephone and getting them to give out valuable information such as passwords
   B: the process of listening, monitoring, or examining someone without their permission or knowledge.
   C: a term used in civil litigation that describes the discovery of information in

electronic format, typically recovered through digital forensics analysis.

D: a program that reads data in and manipulates the data to fit another output pattern or removes data that may not be needed.

Q.37) Which of the following is essential information to a hacker performing a session-hijacking attack?

A: Session ID
B: Session number
C: Sequence number
D: Source IP address

Q.38) which of the following is not the part of OS hardening

A: removal of all non-essential services
B: Updating the kernel
C: applying patches
D: restoring the system to their default configuration

Q.39) Weakness in mechanism that can threaten the Confidentiality, Integrity, or Availability of an asset is known as............

A: Threat
B: Vulnerability
C: Exploit
D: Risk

Q.40) Buffer overflow attack involves:

A: Using a trojan program to direct data traffic to the target host's memory stack
B: Flooding the target network buffers with data traffic
C: Using a dictionary to crack password buffers
D: Poorly written software that allows an attacker to execute arbitrary code on a target system