

# Assessment Test for ATAL FDP on "Cyber Security" (Thrust Area: Cyber Security) from 28th May to 1st June, 2020 organized by NITTTR Chandigarh

Total points 23/25 ?

0 of 0 points

All questions are compulsory & Each correct answer carries one mark

Max. Marks: 25 Total Time: 30 Minutes

Registered Email Id only \*

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Name of Participant (to be printed on the certificate) \*

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Faculty ▼

Start Test

23 of 25 points

✓ 1. Which of the following is a Vulnerable Application on which Penetration Testing can be performed? \* 1/1

- ☐ XAMPP
- ☒ DVWA
- ☐ Localhost
- ☐ Non of the above



✓ 2. Malware stands for \_\_\_\_\_ \* 1/1

- ☒ Malicious Software
- ☐ Malafide software
- ☐ Malfunctioning program
- ☐ None of the above



✓ 3. One common strategy to prevent stored XSS vulnerabilities is to \* 1/1

- ☐ Educate your users to recognize safe vs. unsafe web pages.
- ☒ Sanitize user's input before submitting to server ✓
- ☐ Avoid using JavaScript in your site.
- ☐ Make sure your database is configured for strong security.

✓ 4. What is footprinting? \* 1/1

- ☐ Measuring the shoe size of an ethical hacker
- ☒ Accumulation of data by gathering information on a target ✓
- ☐ A process of computer forensic
- ☐ Mapping the physical layout of a target's network

✓ 5. Which of the following is NOT an Application Security Attack? \* 1/1

- ☐ XSS
- ☐ SQL Injection
- ☐ CSRF
- ☒ SEO ✓



✓ 6. A prime number is a number \_\_\_\_ \* 1/1

- ☐ Divisible by itself Only
- ☐ Divisible by '1' Only
- ☒ Divisible by '1' and 'itself' Only
- ☐ None of the above



✓ 7. XSS Stand for : \* 1/1

- ☐ Cross-Site Sniffing
- ☒ Cross-Site Scripting
- ☐ Cross-Site Surfing
- ☐ None of the above



✓ 8. \_\_\_\_\_ is a software that displays ads. It is web-based and collects user's data to target potential leads with advertisements through pop-ups. It includes desktop toolbars, games, and more. \* 1/1

- ☐ Malware
- ☒ Adware
- ☐ Snvware



☐ Spyware

☐ Ransomware

✗ 9. Which scripting languages are vulnerable to XSS attacks? \*

0/1

☒ Java JSP

✗

☐ ASP.Net

☐ PHP

☐ All of the above

Correct answer

☒ All of the above

✓ 10. Which of the following is NOT an Encryption/Decryption Algorithm? \* 1/1

☐ Advance Encryption Standard (AES)

☒ Diffie-Hellman Key Determination Protocol

✓

☐ RSA Algorithm

☐ None of the above

✓ 11. CSRF Stand for : \*

1/1

☒ Cross-Site Request Forgery

✓

☐ Cross-Site Reverse Forensic



- ☐ Comprehensive -Site Reverse Forensic
- ☐ Comprehensive Site Request Forgery

✓ 12. In Asymmetric Key Cryptography, each user will be having how many keys? \* 1/1

- ☐ 5 keys
- ☒ 2 keys
- ☐ 3 keys
- ☐ 10 keys



✓ 13. SQL stand for \_\_\_\_\_ \* 1/1

- ☐ Secure query language
- ☒ Structured query language
- ☐ Short Question Language
- ☐ None of the above



✓ 14. Proxy firewall filters at which layer? \* 1/1

- ☐ Physical layer
- ☐ Data link layer
- ☐ Network layer



☒ Application layer



✓ 15. AES stands for : \*

1/1

☐ Anonymous Encryption Standard

☐ Another Encryption Segment

☒ Advanced Encryption Standard



☐ Advanced Encoding Standard

✓ 16. Given  $n = 11$ ,  $g = 7$ ,  $x = 3$ , what is the public key (A) of the user ? [Hint:  $A = g^x \bmod n$ ] \*

1/1

☐ 5

☒ 2



☐ 7

☐ 9

✓ 17. What is the number of keys required for 'N' users to have secure communication using symmetric key cryptography technique? \*

1/1

☒  $N(N-1)/2$



☐  $N^2$



☐ N (N-1)

☐  $N^2(N-1)/2$

✓ 18. For blocking HTTP traffic, we have to block which port? \*

1/1

☐ 53

☒ 80



☐ 22

☐ 25

✓ 19. PING belongs to which protocol? \*

1/1

☐ Slotted ALOHA

☐ CSMA

☒ ICMP



☐ None of the above

✓ 20. Diffie-Hellman Key Determination protocol does the following: \*

1/1

☒ Only key determination



☐ Only Encryption

☐ Only Decryption

☐ None of the above





✓ 21. What is the link between mind and body? \*

1/1

- ☐ Nerves
- ☒ Breath
- ☐ Blood
- ☐ Yoga



✓ 22. What are the tendencies of the mind? \*

1/1

- ☒ It travels in past and future
- ☐ Always in present
- ☐ It does not clings to negativity.
- ☐ None of the above



✓ 23. What kind of food gives us energy? \*

1/1

- ☒ Sattvik food
- ☐ Junk food
- ☐ Non veg
- ☐ None of the above



✗ 24. What are the examples of Malware Spread? \*

0/1

- ☐ Social network
- ☒ Pirated software
- ☐ Removable media
- ☐ All of the above

✗

Correct answer

- ☒ All of the above

✓ 25. Which legislation is passed in India to cover Crimes committed through technology? \*

1/1

- ☐ Evidence ACT
- ☐ Contract ACT
- ☒ Information Technology ACT
- ☐ None of the above

✓

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