

Assessment - 1

Total points 20/20 ?

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1. _____ is a malicious software that creates a backdoor for kernel. * 1/1

- ☐ Ransomware
- ☒ Rootkit
- ☐ Malware
- ☐ Virus



2. STRIDE was developed at *

1/1

- ☐ AWS
- ☐ The NIST (National Institute of Standards and Technology)
- ☒ Microsoft
- ☐ Google

3. Which was the first life cycle model to be introduced in SDLC?

1/1

- ☐ Agile Model
- ☒ Waterfall Model
- ☐ V Model
- ☐ Spiral Model

4. UDP stands for

1/1

- ☒ user datagram protocol
- ☐ user data protocol
- ☐ user diagram protocol
- ☐ user design protocol



5. Which of the following is the first step of SDLC?

1/1

- ☐ Coding
- ☐ Design
- ☒ Preliminary Investigation and Analysis
- ☐ Testing

6. In terms of web security threats impersonation of another user is a **passive attack** 1/1

- ☐ True
- ☒ False

7. Identify the incorrect testing technique

1/1

- ☐ Integration testing
- ☒ Collaboration testing
- ☐ System testing
- ☐ Unit testing



8. By whom is unit testing done?

1/1

- ☐ Users
- ☐ Customers
- ☒ Developers
- ☐ Decoder

9. What is the major drawback of using RAD Model?

1/1

- ☐ Highly specialized & skilled developers/designers are required
- ☐ Increases reusability of components
- ☐ Encourages customer/client feedback
- ☒ Increases reusability of components, highly specialized & skilled developers/designers are required.
- ☐ Option 5

10. SQL Injection is an attack in which ----- code is inserted into strings that are later passed to an instance of SQL server 1/1

- ☒ malicious
- ☐ redundant
- ☐ clean
- ☐ non malicious



11. In the following methodologies choose the correct threat modelling methodology

1/1

- ☐ Agile methodology.
- ☐ Waterfall methodology.
- ☒ PASTA
- ☐ Iterative

12. Which one of the following is Threat model Execution Phase

1/1

- ☐ Testing
- ☐ Designing
- ☐ Debugging
- ☒ Deep Dive Discussions

13. Among these which one is the Static Code Analysis Tool

1/1

- ☒ sonarqube
- ☐ Keylogger
- ☐ Syxsense
- ☐ Acunetix



14. Which of the following security property does Tampering violate?

1/1

- ☐ Authentication
- ☒ Integrity
- ☐ Confidentiality
- ☐ Availability

15. Denial of Service hinders ____.

1/1

- ☐ Integrity
- ☐ Confidentiality
- ☒ Availability
- ☐ Authenticity

16. DREAD model can be used for ____.

1/1

- ☐ Identifying threats
- ☒ Rating threats
- ☐ Identifying assets
- ☐ Documentation



17. What is the use of RFID module

1/1

- ☒ Object identification
- ☐ to provide 3G connectivity
- ☐ to measure temperature
- ☐ to measure WIFI strength

18. An HTTP connection uses port --- where as HTTPS uses port --- and invokes SSL 1/1

- ☐ 40, 80
- ☐ 60,620
- ☒ 80,443
- ☐ 620,80

19. A Software that lies between the OS and the applications running on it.

1/1

- ☐ Firmware
- ☒ Middleware
- ☐ Utility Software
- ☐ Application Software



20. The Software designed to perform a specific task

1/1

- ☐ Synchronous Software
- ☐ Package Software
- ☒ Application Software
- ☐ System Software

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