**Course Name: ChatGPT for Security Audit**

*NOTE: Mark the correct answers with Yellow highlight*

**Section 1.2**

1. **Which of the following best describes the evolution of AI in cybersecurity?**  
   a) AI started with deep learning models in the 1980s  
   Incorrect. AI initially relied on rule-based systems before advancing to machine learning and deep learning.  
   b) Machine learning was first integrated into cybersecurity in the 1990s  
   Correct. The 1990s introduced machine learning for enhanced threat detection.  
   c) Generative AI has been the dominant cybersecurity solution since the 2000s  
   Incorrect. Generative AI emerged in the 2020s, not the 2000s.  
   d) Big data analytics had no impact on AI-driven threat detection  
   Incorrect. Big data analytics significantly improved real-time threat detection starting in the 2000s.
2. **Which of the following is a key advantage of using ChatGPT in security audits?**a) It completely replaces human auditors  
   Incorrect. AI assists but does not replace human expertise.  
   b) It automates security policy creation and compliance reporting  
   Correct. ChatGPT helps generate policies and reports, streamlining the audit process.  
   c) It independently detects and mitigates cybersecurity threats  
   Incorrect. AI detects threats but does not implement security measures.  
   d) It eliminates regulatory requirements for compliance validation  
   Incorrect. Human oversight is still required for AI-generated reports.
3. **What is one of the limitations of using AI in cybersecurity audits?**a) AI eliminates all security risks  
   Incorrect. AI helps detect risks but does not eliminate them.  
   b) AI is always accurate and free from bias  
   Incorrect. AI can generate biased or misleading results.  
   c) AI may misinterpret complex security data without human validation  
   Correct. AI lacks real-world experience and can misinterpret information.  
   d) AI eliminates the need for compliance frameworks  
   Incorrect. Regulatory bodies still require compliance validation by humans.
4. **AI-powered tools like ChatGPT improve security audits by automating compliance reporting and anomaly detection.**True: Correct. AI enhances audits by streamlining compliance and detecting anomalies faster.  
   False: Incorrect. AI significantly contributes to security audits by automating key tasks.
5. **AI completely replaces manual log review and eliminates human involvement in cybersecurity audits.**True: Incorrect. While AI automates many processes, human oversight is still required.  
   False: Correct. AI assists but does not fully replace human expertise in audits.