**Course Name: ChatGPT for Security Audit**

*NOTE: Mark the correct answers with Yellow highlight*

**Section 1.2**

1. **What is a major risk associated with using AI in security audits?**a) AI can completely replace security professionals  
   Incorrect. AI assists audits but does not replace human expertise.  
   b) AI may generate biased compliance assessments  
   Correct. AI can inherit biases from training data, leading to inaccurate audit results.  
   c) AI ensures 100% accuracy in compliance audits  
   Incorrect. AI may produce errors, misinterpret regulations, or generate false positives.  
   d) AI models do not require updates once deployed  
   Incorrect. AI models must be continuously updated to stay aligned with evolving security standards.
2. **Which of the following is a challenge in AI-driven compliance accuracy?**a) AI always understands regulatory language perfectly  
   Incorrect. AI can misinterpret complex regulations, leading to errors in compliance recommendations.  
   b) AI-generated reports may not align with specific industry regulations  
   Correct. AI may fail to account for nuanced compliance requirements in different industries.  
   c) AI eliminates the need for compliance verification  
   Incorrect. AI outputs must be verified against regulatory requirements.  
   d) AI decisions are always fully transparent and explainable  
   Incorrect. Some AI-generated results lack explainability, making it difficult to justify compliance decisions.
3. **What is the best practice for mitigating AI risks in compliance?**a) Always validate AI-generated reports against regulatory requirements  
   Correct. AI outputs should be reviewed for accuracy and compliance alignment.  
   b) Rely entirely on AI for decision-making in security audits  
   Incorrect. AI should assist auditors but not replace human judgment.  
   c) Assume AI models do not require updates  
   Incorrect. AI models must be regularly improved to address changing security regulations.  
   d) Use AI to generate compliance reports without human oversight  
   Incorrect. AI-generated reports should be reviewed by security professionals.
4. **AI-powered tools like ChatGPT can misinterpret complex regulatory language, leading to inaccurate compliance recommendations.**True: Correct. AI may struggle with complex regulations, requiring human oversight to ensure accuracy.  
   False: Incorrect. AI can misinterpret regulations, making validation by compliance professionals necessary.
5. **AI-driven compliance reports do not require human validation since AI is always accurate in identifying security gaps.**True: Incorrect. AI outputs should always be reviewed to prevent misinterpretations and false positives.  
   False: Correct. AI may generate biased or incorrect compliance insights, requiring human validation.