



**PAMIBIA UNIVERSITY**  
OF SCIENCE AND TECHNOLOGY

<b>QUALIFICATION : POSTGRADUATE CERTIFICATE IN INFORMATICS (INFORMATION SYSTEMS AUDIT)</b>	
<b>QUALIFICATION CODE: 08PGIN</b>	<b>LEVEL: 8</b>
<b>COURSE: INFORMATION SYSTEMS AUDIT</b>	<b>COURSE CODE: ISA822S</b>
<b>DATE: JULY 2025</b>	<b>SESSION: THEORY</b>
<b>DURATION: 3 HOURS</b>	<b>MARKS: 70</b>

<b>SECOND OPPORTUNITY / SUPPLEMENTARY EXAMINATION QUESTION PAPER</b>	
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**THIS QUESTION PAPER CONSISTS OF 7 PAGES**  
(Including this front page)

**INSTRUCTIONS:**

1. Answer ALL the questions.
2. Write clearly and neatly.
3. Number the answers.

**PERMISSIBLE MATERIALS:**

1. Examination paper.
2. Examination script.

**SECTION A MULTIPLE CHOICE**

**[20]**

1. When developing a risk-based audit strategy, an IS auditor should conduct a risk assessment to ensure that.
  - A. Controls needed to mitigate risk are in place
  - B. Business processes are completed
  - C. Business rules are achieved
  - D. Business strategies are in place
  
2. This is a framework which is developed by ISACA, provides a comprehensive framework that assists enterprises in achieving their objectives for the governance and management of enterprise IT
  - A. COBIT 2019
  - B. SLA
  - C. DRP
  - D. ISACA
  
3. What is the first step in performing a risk assessment?
  - A. Risk treatment
  - B. Risk evaluation
  - C. Risk response
  - D. Risk identification
  
4. The IS scope should outline the:
  - A. The findings identified by the Auditor
  - B. The systems in scope, controls to be tested, timelines and objective of the audit
  - C. The authority of the IS audit function
  - D. The IS auditors CV
  
5. What is the outcome of an audit engagement? select the BEST answer
  - A. Management comments

- B. Client acceptance letter with an agreement between parties
- C. An audit report
- D. A follow-up audit

6. The waterfall software development model is appropriate when:

- A. Requirements are well defined and do not change.
- B. Requirements are constantly changing.
- C. Unit tests are performed in iterations.
- D. Prototypes are not required.

7. Who should approve the implementation of a system?

- A. The receptionist.
- B. The CEO.
- C. Board members.
- D. Project steering committee

8. Which of the following is an example of social engineering?

- A. Penetration testing
- B. Tailgating
- C. VPN
- D. Logging

9. Raised floors, fire suppression systems, and air-cooling systems are examples?

- A. Access control.
- B. Change management.
- C. Environmental controls.
- D. Voice over IP (VoIP).

10. Which of the following is an outcome of a BIA. Choose the best answer?

- A. Backup policy.

- B. Business continuity policy.
- C. Risk assessment
- D. Recovery strategy

11.A processes and stores sensitive business data.

- A. Data centre
- B. Data processing
- C. CCTV
- D. Computer Processor

12.What is considered the MOST critical element for the successful implementation of an information security program?

- A. An effective enterprise risk management (ERM) framework
- B. Senior management commitment
- C. An adequate budgeting process
- D. Meticulous program planning

13.The recovery point objective pertains to?

- A. Permissible data loss
- B. Service delivery objectives.
- C. How long a site can stay down
- D. Input thresholds.

14.These are detailed steps and actions that support the policy objectives

- A. Procedure
- B. Guidelines
- C. Standards
- D. Policies

15. This is obtained from the audit committee of the board.

- A. Approval
- B. Plan
- C. Authentication
- D. Budget

16. The procedures performed by an auditor when testing a control should be documented in a:

- A. Working paper
- B. Audit charter
- C. Management letter
- D. None of the above

17. Top management is responsible for implementing a ..... that support efficient and effective internal control processes.

- A. Culture
- B. Controls
- C. Risks
- D. Objectives

18. An ..... is an overarching document that covers the entire scope of an audit activities in an entity.

- A. Audit Charter
- B. Engagement letter
- C. Service Level Agreement
- D. Data implementation

19. Risk assessment should identify, quantify and prioritise risk against criteria for risk ..... and objectives relevant to the organisation.

- A. appetite
- B. scenarios

- C. acceptance
- D. None of the above

20. A challenge commonly associated with the Agile development model is

- A. Lack of communication.
- B. Lack of documentation.
- C. Lack of testing.
- D. Lack of resources.

**STRUCTURED QUESTIONS**

**[50]**

**QUESTION 2**

- 2.1 List the stages included in the business process flowchart for an IS Audit [6]
- 2.2 Distinguish Detective control from Preventative control. [4]
- 2.3 Describe the four main types of Controls [8]
- 2.4 What are the consequences of IT control Failure [5]
- 2.5 What does an IS auditor need to consider while planning an individual audit assignment? [5]
- 2.6 Discuss what is an Audit process and use a diagram to summarise the input and output elements of the audit process [10]
- 2.7 List and describe some of the benefits of successful implementation of IT Governance Enterprise in your organisation. [6]
- 2.8 Analyse the activities an IS Auditor plays during auditing the business continuity plan. [6]

*End of Examination*