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## BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – M.Sc.(ANCS)-2022/M.Sc.(ANCS)-2023

Course Name – Auditing IT Infrastructure for Compliance

Course Code - MNCS402

( Semester IV )

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

### Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Identify the objectives of the IT audit.
  - a) Ensures asset safeguarding
  - b) Ensures that the attributes of data or information are maintained
  - c) Both
  - d) None of these
- (ii) Which of the followings is true for Audit Reporting?
  - a) Normal reporting format is not adhered to in the case of IT Audit
  - b) In IT audit, the base of the focus is the system
  - c) In IT audit the audience for the report should normally be ignored
  - d) None of these
- (iii) Who is the father of Internal Audit?
  - a) Lawrence Philips
  - b) Lawrence Sawyer
  - c) Antonio Bullock
  - d) Antonio Sawyer
- (iv) What is the full form of CBOK?
  - a) Common Bonding of Knowledge
  - b) Common Body of Knowledge
  - c) Common Binding of Knowledge
  - d) None of these
- (v) How many number of chapters are there in IIA India?
  - a) 4
  - b) 6
  - c) 11
  - d) None of these
- (vi) Analyze the features of an Audit charter.
  - a) Authority and Responsibility of Audit function
  - b) Approved by top management
  - c) Static document
  - d) All of these
- (vii) Select the primary objectives of an IT audit team.
  - a) Evaluate the system and process controls in place that ensures the confidentiality,
  - b) Confirm necessary governance over information systems, Information

- integrity and availability of company's information assets and data
- c) Ensure that IT systems and services will continue to be available and accessible to the business in the event of disruption or emergency

technology infrastructure and personnel of a company

- d) All of these

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(viii) Consider the following statement and decide the correct one related IT audit.

- a) In inherent risk there is an assumption that there are related internal controls
- c) The control risk associated with computerised data validation procedures is ordinarily high

- b) In control risk errors will not be prevented or detected and corrected by the internal control system

- d) None of these

(ix) Select what legal protection is available to prevent theft and illegal copying of software.

- a) Computer misuse legislation
- c) Copyright laws

- b) Data protection and privacy legislation
- d) None of these

(x) Why voucher is used for?

- a) cash receipt
- c) credit transactions

- b) cash payment
- d) All of these

(xi) Choose what is an IT control framework.

- a) A set of policies and procedures for managing IT systems and processes
- c) A framework for evaluating the effectiveness of IT governance

- b) A set of standards for IT security and data privacy
- d) A framework for managing IT project portfolios

(xii) Identify the primary objective of cloud audit standards.

- a) To ensure the security and confidentiality of data stored in the cloud
- c) To establish guidelines for evaluating cloud service providers

- b) To improve the reliability and availability of cloud services
- d) To ensure compliance with regulatory requirements

(xiii) Select the purpose of ISO/IEC 27001.

- a) To certify organizations for compliance with information security standards
- c) To evaluate the effectiveness of IT governance

- b) To provide a framework for managing information security risks
- d) To assist with the implementation of new IT systems or processes

(xiv) Interpret the purpose of an audit schedule.

- a) To ensure that the audit is conducted in a timely and efficient manner
- c) To ensure that the audit is focused on areas of high risk and importance

- b) To ensure that the audit is conducted in compliance with regulations and standards
- d) To provide a summary of audit findings and recommendations

(xv) Identify who is responsible for addressing audit findings.

- a) The auditor
- c) Management of the organization being audited

- b) The audit committee
- d) The regulatory agency overseeing the audit

### Group-B

(Short Answer Type Questions)

3 x 5=15

2. Identify the management process for IT Audit.
3. Assume how Audit schedule is generated.
4. Solve IT audit procedures to assess the security controls of an organization's network infrastructure.
5. How IT auditor can act as an investigator?
6. Analyze the standards of Cloud audit.

(3)  
(3)  
(3)  
(3)  
(3)



Simplify the Audit review techniques.

OR

(3)

**Group-C**  
(Long Answer Type Questions)

5 x 6=30

7. Construct the functions of an auditor. (5)
8. Predict briefly about COBIT19. (5)
9. Evaluate the next steps after planning in the IT audit. (5)
10. Assess IT Audit Performance objectives. (5)
11. Analyze the aspects of an organization's information system should be considered in IT audits. (5)
12. Correlate the process of cloud audit. (5)

OR

Illustrate about Internal, External and Compliance audit.

(5)

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