



लोकहितार्थं सत्यनिष्ठा
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Interest

कार्यालय प्रधान महालेखाकार (लेखापरीक्षा), मणिपुर
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Dated : 11.02.2021

Sub :- Revised Syllabus of C-6 paper of Continuous Professional Development Examination Stage-III (CPD-III)

A copy of Headquarters' Office Examination Wing Circular No. 01 of 2021 issued vide letter No.37/14-Exam/Syllabus Revision/2018 dated 9th February, 2021 on the subject cited above is circulated for information of all concerned.

Sd/-

Sr. Audit Officer/Admn.

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2. PA to Sr. DAG (Admn., AMG-I & II)
3. All Branch Officers for further circulation in their respective Branches/Sections
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11/02/2021
Sr. Audit Officer/Admn.

**OFFICE OF THE COMPTROLLER AND AUDITOR GENERAL OF INDIA
10 BAHADUR SHAH ZAFAR MARG, NEW DELHI – 110124**

Examination Wing

Circular No. 01 of 2021

(Only for IA & AD)

No. 37/14-Exam/Syllabus Revision/2018

Dated 9th February 2021

To

Heads of Department of IA&AD offices

(As per standard e-mail list)

Subject: Revised Syllabus of C-6 paper of Continuous Professional Development Examination Stage-III (CPD-III)

Madam/ Sir,

In partial modification of Examination Wing Circular No.17 of 2019 dated 27th August 2019 regarding revised syllabus of RA and CPD examinations, it is informed that with the approval of the Competent Authority the syllabus for **C-6**, Information Systems Audit paper of Continuous Professional Development Examination Stage-III (CPD-III) has been revised. The revised syllabus is enclosed herewith which will be applicable from the Examination-1 of 2021.

2. The syllabus of the other examinations/papers i.e., RAE, C-1, C-2, C-3, C-4 and C-5 as published vide Circular No.17 of 2019 ibid will remain the same.

Yours faithfully,



(Manish Kumar)
Director General (Exam)

Revised Syllabus of C-6 Paper, Information Systems Audit of CPD-III

To be implemented w.e.f. Examination 1 of 2021

1. Information Systems Audit

1.1. Information System Acquisition, Development and Implementation

- 1.1.1. Project Management- planning, execution, monitoring and closure
- 1.1.2. Governance structure, roles and responsibilities
- 1.1.3. System Development Life Cycle (SDLC) phases
- 1.1.4. Software Development methods
- 1.1.5. Hardware/ software acquisition processes and steps, Model RFP (MEITY)
- 1.1.6. IT services management (ITSM)
- 1.1.7. Business Continuity Planning (BCP)

1.2. Governance and Management of Information Systems

- 1.2.1. Overview of frameworks- CoBIT framework, ISO 27000 series (security), ISO 38500 series (IT governance)
- 1.2.2. IT Act 2000 (and amendments) and rules issued thereunder
- 1.2.3. Aadhaar Act and Regulations issued thereunder
- 1.2.4. National Information Security Policy and guidelines
- 1.2.5. Digital India programme and e-Kranti mission

1.3. Information System auditing process


- 1.3.1. 2020 CAG's Standing Order on Auditing in an IT Environment
- 1.3.2. Risk-Based IS Audit Planning
- 1.3.3. Types of Controls
 - 1.3.3.1. Control objectives and measures
 - 1.3.3.2. General and IS-specific controls
- 1.3.4. IS audit processes activities
- 1.3.5. Data Analytics- CAATs, Continuous auditing techniques

1.4. Protection of Information assets

- 1.4.1. Identity and Access Management
- 1.4.2. Network and End-Point Security
- 1.4.3. Data Classification
- 1.4.4. Data Encryption and Encryption-Related Techniques, Public Key Infrastructure (PKI)
- 1.4.5. Information System Attack Methods and Techniques, OWASP Top 10 vulnerabilities
- 1.4.6. Security Testing Tools and Techniques
- 1.4.7. Security Monitoring Tools and Techniques
- 1.4.8. Incident Response Management

2. Suggested reading material/ references:

- 2.1. CoBIT framework by ISACA; overview of ISO 27001 and ISO 38500
- 2.2. CAG's Standing order on auditing in IT environment
- 2.3. WGITA-IDI handbook on IT audit for Supreme Audit Institutions
- 2.4. For 1.2, acts/ rules can be used for reading material.


Sr. AO (Exam)