

Syllabus for Incentive Examination

2017

**OFFICE OF THE
COMPTROLLER AND AUDITOR GENERAL OF INDIA**

Incentive Examination (IE) for Assistant Accounts Officers/ Accounts Officers/ Sr. Accounts Officers

IE 1- Management Accounting,

Duration 2 hours,

Maximum Marks: 100

The following will be the syllabus and subjects:

(i) General Financial Rules

Chapter 2 & 3- General System of Financial Management & Budget formulation and implementation.

(ii) Public Finance – Shri H L Bhatia

Chapters 4 and 10 to 16.

(iii) Statistical Methods – Shri S P Gupta, Sultan Chand & Sons

Sampling and Sample Design

IE 2 - Finance (Revised) and Appropriation Accounts,

Duration 2 hours,

Maximum Marks:100

The following will be the syllabus and subjects:

(i) M.S.O. (A&E) Volume-II

- (a) Chapter 1 – Appropriation Accounts
- (b) Chapter 2 – Finance Accounts (Revised) – Appendix

(ii) Accounts Code for Accountants General

- Chapter 9 – Monthly and Annual Accounts of the Central and State Governments.

Revised Syllabus of IE -3, Information Technology (Theory) Paper
Applicable w.e.f. Examination-2 of 2021

1. IE -3 Information Technology (Theory)

1.1 Software and hardware components:

- 1.1.1. Introduction to Computers and their components- Hardware, CPU, Memory devices etc
- 1.1.2. Operating System, its key functions
- 1.1.3. Basic network concepts- LAN/ WAN/ Internet, server infrastructure, endpoint devices.
- 1.1.4. Cloud computing – basic concepts (IAAS, PAAS, SAAS)
- 1.1.5. ERP Systems- basic concepts

1.2. Database Systems

- 1.2.1. Data and database - basic concepts
- 1.2.2. Relational database (Integrity constraints- primary, foreign keys, Relationships)
- 1.2.3. Concept of Joins, views, data manipulation etc.

1.3. Governance and Management of Information Systems in India

- 1.3.1. IT Act 2000 (and subsequent amendments)
- 1.3.2. IT (reasonable security practices and procedures and sensitive personal data and information rules-2011)
- 1.3.3. Guidelines for Indian government websites (GIGW)
- 1.3.4. National e-Governance Plan (NeGP) and associated MMPs (Mission Mode Projects)
- 1.3.5. Digital India Programme, e-Kranti mission

1.4. Protection of Information Assets

- 1.4.1. Basic criteria for information protection - Confidentiality, Integrity and non-repudiability, Availability of data
- 1.4.2. Privacy principles, principles of personally identifiable information (PII)
- 1.4.3. Physical access and environment control
- 1.4.4. Information system attack methods and OWASP Top 10 vulnerabilities

1.5. Information System Auditing Process

- 1.5.1. CAG's Standing order on auditing in an IT environment (August 2020)
- 1.5.2. Type of controls (Control objective and measures, General and IS specific controls)
- 1.5.3. CAATs, continuous auditing techniques

1.6. Information systems acquisition, development and implementation

- 1.6.1. System Development Life Cycle (SDLC) phases

2. Suggested reading material/ references:

- 2.1. CAG's Standing order on auditing in IT environment
- 2.2. WGITA-IDI handbook on IT audit for Supreme Audit Institutions
- 2.3. For 1.3. acts/ rules can be used for reading material.


Sr. AO (Exam)

IE4 : Information Technology (Practical)

Duration 2 hours,

I Word 2013

Maximum Marks: 100

25 Marks

(A) Basic and Mid-level

Creating and managing documents, Formatting a document, Customizing Options and Views for Documents, Configuring Documents to Print or Save, Formatting Text, Paragraphs, and Sections, Creating Tables and Lists, Creating and Modifying a List, Applying References, Inserting and Formatting Objects,

(B) Advanced Topics

Managing and Sharing Documents: Managing Multiple Documents, Preparing Documents for Review, Managing Document Changes and Designing Advanced Documents: Applying Advanced formatting, Applying Advanced Styles, Creating Advanced References: Create and Manage Indexes, Creating and Managing Reference Tables and Manage forms, Fields, and Mail Merge Operations.

II EXCEL 2013

35 Marks

(C) Basic and Mid-Level

Creating and Managing Worksheets and Workbooks: Creating Worksheets and Workbooks, Navigating Through Worksheets and Workbooks, Formatting Worksheets and Workbooks, Customizing Options and Views For Worksheets and Workbooks and Configuring Worksheets and Workbooks to Print Or Save. Cells and Ranges: Inserting Data in Cells and Ranges, Formatting Cells and Ranges and Ordering and Grouping Cells and Ranges. Tables: Creating and Modifying Table. Formulas and Functions: Applying Cell Ranges and References in Formulas and Functions. Charts and Objects: Creating and Formatting A Chart and Inserting and Formatting an Object

(D) Advanced Topics

Managing and Sharing Workbooks: Managing Multiple Workbooks, Preparing A Workbook For Review and Managing Workbook Changes. Applying Custom Formats and Layouts: Applying Custom Data Formats, Applying Advanced Conditional Formatting and Filtering, Applying Custom Styles and Templates. Creating Advanced Formulas: Applying Functions in Formulas: Look Up Data With Functions, Applying Advanced Date and Time Functions and Creating Scenarios. Creating Advanced Charts and Tables: Creating Advanced Chart Elements, Creating and Managing Pivot Tables and Creating and Managing Pivot Charts.

III Access 2013 Basic (Awareness)

25 Marks

Creating and Managing a Database: Creating a New Database, Managing Relationships and Keys, Navigating Through a Database, Protecting and Maintaining

a Database and Printing and Exporting a Database. Building Tables: Creating a Table, Formatting a Table, Managing Records and Creating and Modifying Fields. Creating and Modifying Queries: Creating a Query, Modifying a Query, and Utilizing Calculated Fields and Grouping within a Query. Creating Forms: Creating a Form, Setting Form Controls and Formatting a Form. Creating Reports: Creating a Report, Setting Report Controls and Formatting a Report.

II **Power Point 2013**

15 Marks

Create and Manage Presentations: Creating A Presentation, Formatting A Presentation Using Slide Masters, Customizing Presentation Options and Views, Configuring Presentations to Print or Save and Configuring and Present Slideshows. Inserting and Formatting Shapes and Slides: Inserting and Formatting Slides, Inserting and Formatting Shapes and Ordering and Grouping Shapes and Slides. Creating Slide Content: Inserting and Formatting Text, Inserting and Formatting Tables, Inserting and Formatting Charts, Inserting and Formatting Smart Art, Inserting and Formatting Images and Inserting and Formatting Media. Applying Transitions and Animations: Applying Transitioning Between Slides, Animating Slide Contents and Setting Time for Transitions and Animations. Managing Multiple Presentations: Merging Content from Multiple Presentations, Tracking Changes and Resolving Differences and Protecting and Sharing Presentations.

Reference Books :

1. Microsoft Word 2013 Step by Step (Lambert & Cox)
2. Microsoft Word 2013: Fast and Easy (Edward Jones)
3. Word 2013 In Depth (Faith Wempen)
4. Microsoft Excel 2013 Step by Step (Frye)
5. Microsoft Excel 2013 All-In-One for Dummies (Greg Harvey)
6. Excel 2013 In Depth (Bill Jelen)
7. Microsoft Access 2013 Step by Step (Lambert & Cox)
8. Learning Microsoft Access 2013 Beginner Level 1: Build Databases with Microsoft Access (Richard Rost)
9. Microsoft Power point 2013 Step by Step (Lambert. & Cox)
10. Microsoft Power point 2013 All-In-One for Dummies (Greg Harvey)

Note : Wherever there is reference to the rules and regulations, the 'cut off date' for changes/amendments would be as on 1st April of the previous year.