

**8(i):** No change of Centre of Examination will be allowed under any circumstance. Hence, the candidates should select the centres carefully and indicate the same correctly in their applications.

**8(ii):** The Commission reserves the right to cancel any Centre and ask the candidates of that centre to appear from another centre. Commission also reserves the right to divert candidates of any centre to some other Centre within the Region or outside to take the examination.

**9. Scheme of the Examination for Combined Graduate Level Examination:**

The Examination will be conducted in three tiers as indicated below:

Tier -I	--	Written Examination (Objective Multiple Choice Type)
Tier -II	--	Written Examination (Objective Multiple Choice Type)
Tier -III	--	Computer Proficiency Test/ Skill Test (wherever applicable)/ Document Verification

9.1 The Commission reserves the right to make changes in the scheme of examination such as conduct of Tier-I and Tier-II examination in computer based mode, treating Tier-I examination as only qualifying etc.

9.2 Interview component has been dispensed with. There will, therefore, be no interview.

**Scheme of Examination:**

Post	Tier I Examination	Tier II Examination	Proficiency/Skill Test	Total marks
Posts under Pay Band –II Rs.9300-34800 other than Statistical Investigator Grade-II.	<p>A. General Intelligence Reasoning - 50 marks</p> <p>B. Gen.Awareness-50marks</p> <p>C. Quantitative Aptitude – 50 marks</p> <p>D. English Comprehension - 50 marks</p> <p><b>Total Marks - 200</b></p> <p>Duration: 02 hours</p> <p>For VH and candidates suffering from Cerebral Palsy: 2 hours 40 minutes</p>	<p>I. Quantitative Abilities : 200 marks (100 Questions)</p> <p>Duration: 2 hours</p> <p>For VH and candidates suffering from Cerebral Palsy: 2hours 40 minutes where eligible.</p> <p>II. English Language &amp; Comprehension: 200 marks (200 questions). Duration : 2 hours</p> <p>For VH and candidates suffering from Cerebral Palsy:2 hours 40 minutes wherever eligible.</p> <p><b>Total Marks : 400</b></p>	<p>Computer Proficiency Test (CPT)</p> <p>for post of Assistant Section Officer in CSS only</p> <p>www.careerszine.com</p>	<b>600</b>
Posts under Pay Band –I Rs.5200-20200 other than Compiler.	-do-	-do-	Data Entry Skill Test at Speed of 8000 key depression per hour for post of Tax Assistant	<b>600</b>
Statistical Investigator Grade-II	-do-	Paper-I & II as above <b>400 marks</b> Paper-III Statistics <b>200 marks</b> (100 Questions)	--	<b>800</b>
Compiler	-do-	-do-	-	<b>800</b>
Assistant Audit Officer  Group “B” Gazetted	-do-	<p>Paper-I &amp; II as above <b>400 marks</b> Paper-IV General Studies(Finance and Economics): <b>200 Marks</b>.(Duration: 2 hours)</p> <p>Total Marks: 600</p>		<b>800</b>

**NOTE:** There will be negative marking of 0.25 marks for each wrong answer in Tier-I. In Tier-II, there will be negative marking of 0.25 marks in Paper-II and 0.50 marks in Paper-I and Paper-III for each wrong answer.

**9(A): Combined Graduate Level (Tier-I) Examination:** Tier –I of the Combined Graduate level Examination will be common for all categories of posts.

Date of Exam	Part	Subject	Max. Marks/ Questions	Total Duration/ Timing for General candidates	Total Duration/ Timing for visually Handicapped and Cerebral Palsy candidates
08.05.2016 & 22.05.2016	A.	General Intelligence & Reasoning	50	2 Hours	2 Hours 40 minute
	B.	General Awareness	50	10.00 A.M. to 12.00 Noon  <u>OR</u>	10.00 A.M. to 12.40 PM  <u>OR</u>
	C	Quantitative Aptitude	50	2.00 P.M. to 4.00 P.M.	2.00 P.M. to 4.40 P.M.
	D	English Comprehension	50		

Note: Entry to the examination venue will not be allowed after 9.30 AM in the morning shift and after 1.30 PM in the afternoon shift

The Commission also reserves the right to hold the examination in additional batches depending upon the number of candidates in each state/UT.

Questions will be of Objective Type Multiple Choice, set in both Hindi and English in respect of Parts A, B and C.

### **Indicative Syllabus:**

#### **Tier-I of the Examination :**

**(A): General Intelligence & Reasoning :** It would include questions of both verbal and non-verbal type. This component may include questions on analogies, similarities and differences, space visualization, spatial orientation, problem solving, analysis, judgment, decision making, visual memory, discrimination, observation, relationship concepts, arithmetical reasoning and figural classification, arithmetic number series, non-verbal series, coding and decoding, statement conclusion, syllogistic reasoning etc. The topics are, Semantic Analogy, Symbolic/Number Analogy, Figural Analogy, Semantic

Classification, Symbolic/Number Classification, Figural Classification, Semantic Series, Number Series, Figural Series, Problem Solving, Word Building, Coding & de-coding, Numerical Operations, symbolic Operations, Trends, Space Orientation, Space Visualization, Venn Diagrams, Drawing inferences, Punched hole/pattern –folding & unfolding, Figural Pattern – folding and completion, Indexing, Address matching, Date & city matching, Classification of centre codes/roll numbers, Small & Capital letters/numbers coding, decoding and classification, Embedded Figures, Critical thinking, Emotional Intelligence, Social Intelligence, Other sub-topics, if any.

**(B): General Awareness:** Questions in this component will be aimed at testing the candidates general awareness of the environment around him and its application to society. Questions will also be designed to test knowledge of current events and of such matters of every day observations and experience in their scientific aspect as may be expected of any educated person. The test will also include questions relating to India and its neighbouring countries especially pertaining History, Culture, Geography, Economic Scene, General Policy & Scientific Research.

**(C): Quantitative Aptitude:** The questions will be designed to test the ability of appropriate use of numbers and number sense of the candidate. The scope of the test will be computation of whole numbers, decimals, fractions and relationships between numbers, Percentage, Ratio & Proportion, Square roots, Averages, Interest, Profit and Loss, Discount, Partnership Business, Mixture and Alligation, Time and distance, Time & Work, Basic algebraic identities of School Algebra & Elementary surds, Graphs of Linear Equations, Triangle and its various kinds of centres, Congruence and similarity of triangles, Circle and its chords, tangents, angles subtended by chords of a circle, common tangents to two or more circles, Triangle, Quadrilaterals, Regular Polygons, Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Sphere, Hemispheres, Rectangular Parallelepiped, Regular Right Pyramid with triangular or square base, Trigonometric ratio, Degree and Radian Measures, Standard Identities, Complementary angles, Heights and Distances, Histogram, Frequency polygon, Bar diagram & Pie chart

**(D): English Comprehension:** Candidates' ability to understand correct English, his basic comprehension and writing ability, etc. would be tested.

The questions in Parts A, B, & D will be of a level commensurate with the essential qualification viz. Graduation and questions in Part C will be of 10<sup>th</sup> standard level.

**NOTE-1:** Part C (Quantitative Aptitude) of Test booklet for Tier-I and Paper-I (Quantitative Abilities) of Tier-II will contain separate set of Questions for VH candidates only, (who have opted for assistance of scribe) which will not have components of Maps, Graphs, Statistical data, Diagram, Figures, Geometrical problems. However, components of other papers will be the same for other candidates.

**NOTE-2:** The Commission shall have the discretion to fix different minimum qualifying standards in each component of the Tier-I Examination taking into consideration among others, category-wise vacancies and category-wise number of candidates. Only those candidates, who have scored above the cut off marks fixed by the Commission, would be required to appear in the Tier –II Examination.

**NOTE-3:** Tier-I examination is used to screen the candidates for appearing in Tier-II examination for various papers which will be specifically required for different groups of posts. Marks of such screened candidates in Tier-I will be taken into

account for final ranking of candidates for selecting them for the Computer Proficiency Tests/ Data Entry Skill Test and also for final selection.

**9 (B): Combined Graduate Level (Tier-II) Examination:**

Tier-II of the Combined Graduate Level Examination -2016 will be of Objective Type Multiple Choice and will be conducted over a period of two days. Probable dates for CGL (Tier -II) Exam are 13.08.2016 (Saturday) & 14.08.2016 (Sunday).

Paper	Subject	Max. Marks	Number of Questions	Duration & Timings for General candidates	Duration & Timings for VH and Cerebral Palsy candidates
IV	General Studies (Finance and Economics)	200	To be notified later.	2 Hours 10.00 AM to 12.00 Noon	2 Hours. and 40 Min.  10.00 AM to 12.40 PM
III	Statistics	200	100	2 Hours 2.00 PM to 4.00 PM	2 Hours and 40 Min.  2.00 PM to 4.40 PM
I	Quantitative Abilities	200	100	2 Hours 10.00 AM to 12.00 Noon	2 Hours. and 40 Min.  10.00 AM to 12.40 PM
II	English Language & Comprehension	200	200	2 Hours 2.00 PM to 4.00 PM	2 Hours. and 40 Min. 2.00 PM to 4.40 PM

**Scheme of Written Examination (Tier-II):**

**9(B)(i):** Paper-I & II are compulsory for all the categories of posts.

**9(B)(ii):** Paper-III is only for those candidates who apply for the post of Statistical Investigator Gr.II & Compiler.

**9(b)(iii):** Paper IV is only for those candidates who apply for the post of Assistant Audit Officer.

**9(B)(iv):** Candidates opting for the post of Compiler and/or Statistical Investigator Gr. II and Assistant Audit Officer must ensure that they possess the requisite

qualification as mentioned above. Commission reserves the right to take appropriate action against applicants who do not possess the requisite eligibility while opting for the post of Compiler and/or Statistical Investigator Gr. II and Assistant Audit Officer.

**9(C): General Instructions:-**

OMR Type of Answer Sheets will be supplied by the Commission to candidates for recording their answers to Multiple Choice Objective Type Questions. Candidates are advised to read the following instructions very carefully, in their own interest.

**All the parts of OMR Answer Sheet to be filled with Black Ball Pen only. The entire OMR Sheet is to filled with Black Ball Pen only. Change in the colour of ball pen in OMR Sheet will prima facie treated as an unfair practice and will not be evaluated.**

Candidate should write and code his/her name, Roll Number, Name of the Examination etc. as mentioned in Admission Certificate, Date of birth and Booklet Serial Number fully and correctly in the relevant places in OMR Answer Sheet. Answer Sheet not bearing candidate's Roll Number, Booklet Serial Number, signature and Left thumb impression or improper/ incomplete coding of these details will not be evaluated. The Commission prima-facie considers mistakes in such details/coding as attempt to commit malpractice in the examination or to impersonate. Candidates are advised to follow these instructions meticulously and ensure that the above details are duly and fully coded in the appropriate places.

Candidates are requested to affix their Left Thumb Impression and Signature in the OMR answer sheet, Admission Certificate and Attendance lists. They are also requested to write the Booklet Serial Number and Serial number of the Question Booklet in the Attendance List. Answer Sheets without the signature and LTI of the candidates will not be evaluated.

Candidates should in their own interest carefully read instructions on the cover page of Test Booklet, OMR Sheet and Admission Certificate and follow them scrupulously.

**9(D): Indicative Syllabus for Tier-II of the Examination:**

**Paper-I : Quantitative Ability :** The questions will be designed to test the ability of appropriate use of numbers and number sense of the candidate. The scope of the test will be the computation of whole numbers, decimals, fractions and relationships between numbers, Percentage, Ratio & Proportion, Square roots, Averages, Interest, Profit and Loss, Discount, Partnership Business, Mixture and Alligation, Time and distance, Time & Work, Basic algebraic identities of School Algebra & Elementary surds, Graphs of Linear Equations, Triangle and its various kinds of centres, Congruence and similarity of triangles, Circle and its chords, tangents, angles subtended by chords of a circle, common tangents to two or more circles, Triangle, Quadrilaterals, Regular Polygons, Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Sphere, Hemispheres, Rectangular Parallelepiped, Regular Right

Pyramid with triangular or square base, Trigonometric ratio, Degree and Radian Measures, Standard Identities, Complementary angles, Heights and Distances, Histogram, Frequency polygon, Bar diagram & Pie chart

**Paper-II : English Language & Comprehension:** Questions in this components will be designed to test the candidate's understanding and knowledge of English Language and will be based on spot the error, fill in the blanks, synonyms, antonyms, spelling/detecting mis-spelt words, idioms & phrases, one word substitution, improvement of sentences, active/passive voice of verbs, conversion into direct/indirect narration, shuffling of sentence parts, shuffling of sentences in a passage, cloze passage & comprehension passage.

**Paper-III : Statistics** for Investigator Grade-II, Ministry of Statistics & Programme Implementation & Compiler in RGI.

**Collection Classification and Presentation of Statistical Data** – Primary and Secondary data, Methods of data collection; Tabulation of data; Graphs and charts; Frequency distributions; Diagrammatic presentation of frequency distributions.

**Measures of Central Tendency-** Common measures of central tendency – mean median and mode; Partition values- quartiles, deciles, percentiles.

**Measures of Dispersion-** Common measures dispersion – range, quartile deviations, mean deviation and standard deviation; Measures of relative dispersion.

**Moments, Skewness and Kurtosis** – Different types of moments and their relationship; meaning of skewness and kurtosis; different measures of skewness and kurtosis.

**Correlation and Regression** – Scatter diagram; simple correlation coefficient; simple regression lines; Spearman's rank correlation; Measures of association of attributes; Multiple regression; Multiple and partial correlation (For three variables only).

**Probability Theory** – Meaning of probability; Different definitions of probability; Conditional probability; Compound probability; Independent events; Bayes' theorem.

**Random Variable and Probability Distributions** – Random variable; Probability functions; Expectation and Variance of a random variable; Higher moments of a random variable; Binomial, Poisson, Normal and Exponential distributions; Joint distribution of two random variable (discrete).

**Sampling Theory** – Concept of population and sample; Parameter and statistic, Sampling and non-sampling errors; Probability and non-probability sampling techniques (simple random sampling, stratified sampling, multistage sampling, multiphase sampling, cluster sampling, systematic sampling, purposive sampling, convenience sampling and quota sampling); Sampling distribution (statement only); Sample size decisions.

**Statistical Inference** - Point estimation and interval estimation, Properties of a good estimator, Methods of estimation (Moments method, Maximum likelihood

method, Least squares method), Testing of hypothesis, Basic concept of testing, Small sample and large sample tests, Tests based on Z, t, Chi-square and F statistic, Confidence intervals.

**Analysis of Variance** - Analysis of one-way classified data and two-way classified data.

**Time Series Analysis** - Components of time series, Determinations of trend component by different methods, Measurement of seasonal variation by different methods.

**Index Numbers** - Meaning of Index Numbers, Problems in the construction of index numbers, Types of index number, Different formulae, Base shifting and splicing of index numbers, Cost of living Index Numbers, Uses of Index Numbers.

**Paper IV: General Studies (Finance and Economics)** for the post of Assistant Audit Officer in Indian Audit & Accounts Department under CAG.

**Part A: Finance and Accounts-(80 marks)**

**1. Fundamental principles and basic concept of Accounting.**

Financial Accounting: Nature and scope, Limitations of Financial Accounting, Basic concepts and Conventions, Generally Accepted Accounting Principles.

Basic concepts of accounting: Single and double entry, Books of original Entry, Bank Reconciliation, Journal, ledgers, Trial Balance, Rectification of Errors, Manufacturing, Trading, Profit & loss Appropriation Accounts, Balance Sheet Distinction between Capital and Revenue Expenditure, Depreciation Accounting, Valuation of Inventories, Non-profit organisations Accounts, Receipts and Payments and Income & Expenditure Accounts, Bills of Exchange, Self Balancing Ledgers.

**Part B: Economics and Governance-(120 marks)**

**2. Comptroller & Auditor General of India- Constitutional provisions, Role and responsibility**

**3. Finance Commission-Role and functions**

**4. Basic Concept of Economics and introduction to Micro Economics**

Definition, scope and nature of Economics, Methods of economic study and Central problems of an economy and Production possibilities curve

**5. Theory of Demand and Supply**

Meaning and determinants of demand, Law of demand and Elasticity of demand, Price, income and cross elasticity; Theory of consumer's behaviour-Marshallian approach and Indifference curve approach, Meaning and determinants of supply, Law of supply and Elasticity of Supply.

**6. Theory of Production and cost**

Meaning and Factors of production; Laws of production- Law of variable proportions



and Laws of returns to scale.

### **7. Forms of Market and price determination in different markets**

Various forms of markets-Perfect Competition, Monopoly, Monopolistic Competition and Oligopoly and Price determination in these markets

### **8. Indian Economy**

Nature of the Indian Economy Role of different sectors-Role of Agriculture, Industry and Services-their problems and growth;

National Income of India-Concepts of national income, Different methods of measuring national income

Population-Its size, rate of growth and its implication on economic growth

Poverty and unemployment- Absolute and relative poverty, types, causes and incidence of unemployment

Infrastructure-Energy, Transportation, Communication

### **9. Economic Reforms in India**

Economic reforms since 1991; Liberalisation, Privatisation, Globalisation and Disinvestment

### **10. Money and Banking**

Monetary/ Fiscal policy- Role and functions of Reserve Bank of India; functions of commercial Banks/RRB/Payment Banks

Budget and Fiscal deficits and Balance of payments

Fiscal Responsibility and Budget Management Act, 2003

### **11. Role of Information Technology in Governance**

**NOTE-I :** Questions in Paper-I will be of 10<sup>th</sup> standard level, Paper-II of 10+2 level and Paper-III of graduation level.

**NOTE- II:** The Commission will have full discretion to fix separate minimum qualifying marks in each of the papers in Tier II and in the aggregate of all the papers separately for each category of candidates (viz. SC/ST/OBC /PH/Ex-S/General (UR) Only those candidates who qualify in all the papers as well as in the aggregate would be eligible to be considered for being called for Data Entry Skill Test/Computer Proficiency Test/Document Verification.

There will be different set of Questions for Visually Handicapped (VH) candidates in Paper-I-Quantitative Ability, which shall not have any component of Map/Graphs/Statistical Data/ Diagrams/Figures/Geometrical problems/Pie-chart etc.

However, components of other papers will be the same as that for general candidates.

**NOTE-III:** Any representation to key of the examination will be scrutinized with the help of experts, wherever necessary, and evaluation in that case will be done with modified answer key. The decision of the Commission in this regard will be final and no further representation will be entertained.

**9 (E): Skill Test:** For the post of Tax Assistants (Central Excise & Income Tax):

Data Entry Speed Test (DEST) at 8,000 (eight thousand) Key Depression per hour on Computer.

The "Data Entry Speed" Skill Test at 2000 (two thousand) key depressions for a duration of 15 (fifteen) minutes will be of qualifying nature. Computer will be provided by the Commission at the Centre/venue notified for the purpose. Candidates shall not be allowed to bring their own Key-board.

The Skill test will be conducted in the manner decided by the Commission for the purpose.

Only those candidates who secure at least the minimum qualifying marks in the written examination as may be fixed by the Commission at their discretion, will be eligible to appear in the SKILL TEST. The SKILL TEST will be held at the Commission's Regional/Sub Regional Offices or at other Centres as may be decided by the Commission.

OH candidates opting for the post of Tax Assistant in CBDT are exempted for appearing in skill test. OH candidates opting for post of Tax Assistant in CBEC are not exempted from skill test. HH and VH candidates are not eligible for exemption from the skill test.

Detailed instructions regarding Skill Test will be sent by the Regional /Sub Regional Offices of the Commission to eligible candidates declared qualified for appearing in Skill Test.

VH candidates may be allowed compensatory time of 20 minutes in DEST at par with typing test. Only those VH candidates who opt for scribes in the written examination will be provided passage reader at the time of skill test.

The Skill Test will be of qualifying nature.

**9(F):** The Commission will hold Computer Proficiency Test (CPT), comprising of three modules- Word Processing, Spread Sheet and Generation of Slides, for applicants for the post of Assistant Section Officer of CSS. The CPT will be conducted in the manner decided by the Commission for the purpose. CPT will be of qualifying nature.

Scheme of DOPT for the post of Assistant Section Officer in CSS does not envisage exemption from CPT for any category of PH candidates.

Detailed instructions regarding CPT will be sent by the Regional/Sub Regional Offices of the Commission to eligible candidates declared qualified for appearing in the CPT.

Detailed instructions on DEST( Data Entry Skill Test) and CPT (Computer Proficiency Test) are/will be available on the Commission's website [www.ssc.nic.in](http://www.ssc.nic.in).

**10. Document Verification:**

All candidates are required to come for document verification. Those failing to do so will not be considered for final selection. Candidates are also required to submit all documents in original for verification at the time of document verification. Revised options for posts will **not be** taken at the time of document verification. The options exercised in the application form are final.

**11(A): Physical standards for the post of Inspector (Central Excise/Examiner/Preventive Officer/Inspector & Sub-Inspector in CBN):**

**Male Candidates:**

(i) **Physical Standards:**

Height 157.5 cms. Chest 81 cms. (fully expanded with a minimum expanses of 5 cms.)	Height relaxable by 5 cms. In the case of Garwalis, Assamese, Gorkhas and members of Scheduled Tribes.
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ii) **Physical Test:**

Walking : 1600 metres in 15 minutes.  
Cycling : 8 Kms. In 30 minutes.

**Female Candidates:**

i) **Physical standards (Minimum):**

Height 152 cms. Weight 48 Kgs.	Height relaxable by 2.5 cms. Weight by 2 Kgs. for Gorkhas, Garwalis, Assamese and Members of Scheduled Tribes
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ii) **Physical Test :**

Walking : 1 Km. in 20 minutes.  
Cycling : 3 Kms. in 25 minutes.

**NOTE:** For the post of Inspector Central Excise, Examiner and Preventive Officer, as per CBEC's letter No. C-18013/23/2013-Ad II B dated 20.11.2013, persons with disabilities will have to meet the physical standards i.e. Height, Chest and Weight prescribed for the post

of Inspectors, Central Excise, Examiner and Preventive Officer in CBEC. However, for orthopedically disabled candidates the following relaxation in Physical Test is allowed:

- (a) The test of "Walking" shall not be insisted in case of OL and OAL categories.
- (b) The test of "Cycling" shall not be insisted in case of OA, OL and OAL categories.

**11(B): Physical standards for the Post of Sub- Inspector in Central Bureau of Investigation:**

- a) **Height**  
For men - 165 cms.  
For women - 150 cms.  
Height relaxable for Hillsmen and Tribals : 5 cms.
- b) **Chest** :  
76 cms. with expansion (There shall be no such requirement in case of female candidates)
- c) **Vision** :  
Eye-sight (with or without glasses)  
Distant vision : 6/6 in one and 6/9 in the other eye.  
Near vision 0.6 in one eye and 0.8 in other eye.

**11(C): Physical standards for the Post of Sub- Inspector in National Investigation Agency:**

- a) **Height**  
For men - 170 cms.  
For women - 150 cms.  
Height relaxable for Hillsmen and Tribals : 5 cms.
- b) **Chest** :  
76 cms. with expansion (There shall be no such requirement in case of female candidates)
- c) **Vision** :  
Eye-sight (with or without glasses)  
Distant vision : 6/6 in one and 6/9 in the other eye.  
Near vision 0.6 in one eye and 0.8 in other eye.

**Note:** Candidates are advised to make sure before opting for any category of post that they fulfill the requirements for that category. The physical measurements (including vision test)