## 12. THE SCHEME OF EXAMINATION AND DETAILED SYLLABUS

| SI<br>No | POST      | SYLLABUS FOR COMPUTER BASED TEST (CBT) STAGE-I  |                    |           |               |  |
|----------|-----------|---|--------------------|-----------|---------------|--|
| 1        | ASSISTANT | MCQ TEST  |                    |           |               |  |
|          | SECRETARY | SUBJECT   | NO OF<br>QUESTIONS | MARKS     | INTERVIEW     |  |
|          |           | (A) GENERAL ASSESSMENT= 100 MARKS   |                    |           | MAX<br>MARKS= |  |
|          |           | General Knowledge and Current Affairs (Bilingual)   | 20                 | 40        | 100           |  |
|          |           | Reasoning & Mathematical Ability (Bilingual)  | 15                 | 30        |               |  |
|          |           | General Hindi & English   | 15                 | 30        |               |  |
|          |           | Total (A)   | 50                 | 100       |               |  |
|          |           | (B) DOMAIN KNOWLEDGE AND ASSESSMENT= 300  |                    |           |               |  |
|          |           | Service and Establishment Matter (Bilingual), Retirement Benefits Matter (Bilingual), General Financial Rules -2017, Audit, Purchase, Procurement, Tendering Process and GeM (Bilingual), RTE Act, Education Policy and Schools Administration and Examination Matters (Bilingual), Knowledge of Computers, RTI, Act 2005, ESI, EPF, ID Act, Minimum wages, Bonus, Gratuity, Other Legal Matters and Court Procedures (Bilingual), Principal of Management, HR and Administration (Bilingual), Training and Development (Bilingual), Estate, Housekeeping, Security, Land and Building Management (Bilingual), Vigilance and Enquiries (Bilingual), CGHS and Medical Attendance Rules (Bilingual) | 150                | 300       |               |  |
|          |           | Total (B)   | 150                | 300       |               |  |
|          |           | Total (A+B)   | 200                | 400       |               |  |
|          |           | TIME DURATION= 3 HOURS  |                    |           |               |  |
|          |           | TOTAL CUMULATIVE MARKS OF STAGE   | -I AND STAC        | E-II = 50 | 0             |  |

| SI<br>No | Post      | SYLLABUS FOR COMPUTER BASED TEST (CBT) STAGE-I  |                    |           | STAGE-II         |
|----------|-----------|---|--------------------|-----------|------------------|
| 2        | ASSISTANT | MCQ TEST  |                    |           |                  |
|          | SECRETARY | SUBJECT   | NO OF<br>QUESTIONS | MARKS     | INTERVIEW<br>MAX |
|          | (IT)      | (A) GENERAL ASSESSMENT= 100 MARKS   |                    |           | MARKS=           |
|          |           | General Knowledge and Current Affairs (Bilingual)   | 20                 | 40        | 100              |
|          |           | Reasoning & Mathematical Ability (Bilingual)  | 10                 | 20        |                  |
|          |           | General Hindi & English   | 20                 | 40        |                  |
|          |           | Total (A)   | 50                 | 100       |                  |
|          |           | (B) DOMAIN KNOWLEDGE AND ASSESSMENT= 300 MAR  | KS                 |           |                  |
|          |           | Windows and Web Application Programming using ASP.NET (C# and Visual Basic), API's, Web Services, HTML/CSS, JSON, SQL, Visual Fox Pro, JSP, Data Security, Data Analysis, LAN/WAN, and Networking Security, Knowledge of Windows/Linux Server | 150                | 300       |                  |
|          |           | Total (B)   | 150                | 300       |                  |
|          |           | Total (A+B)   | 200                | 400       |                  |
|          |           | TIME DURATION= 3 HOURS  |                    | ·         | _                |
|          |           | TOTAL CUMULATIVE MARKS OF STAGE-  | AND STAG           | E-II = 50 | 0                |

| SL<br>NO | POST    | SYLLABUS FOR COMPUTER BAS<br>STAGE-I   | STAGE-II           |           |                  |
|----------|---------|--|--------------------|-----------|------------------|
| 3        | ANALYST | MCQ TEST   |                    |           |                  |
|          | (IT)    | SUBJECT  | NO OF<br>QUESTIONS | MARKS     |                  |
|          |         | (A) GENERAL ASSESSMENT= 100 MARKS  |                    |           | INTERVIEW        |
|          |         | General Knowledge and Current Affairs (Bilingual)                                | 20                 | 40        | MAX MARKS=<br>50 |
|          |         | Reasoning & Mathematical Ability (Bilingual)                                     | 10                 | 20        |                  |
|          |         | General Hindi & English  | 20                 | 40        |                  |
|          |         | Total (A)  | 50                 | 100       |                  |
|          |         | (B) DOMAIN KNOWLEDGE AND ASSESSM   |                    |           |                  |
|          |         | Knowledge of Android App Development   | 125                | 250       |                  |
|          |         | covering: Android Studio, Gradle J Unit,   | 0                  |           |                  |
|          |         | J2SE, XML, JSON, REST API, Firebase  |                    |           |                  |
|          |         | API, SQLite, JAVA, Java threads and  |                    |           |                  |
|          |         | networking, Spring & Hibernate, OOPS   |                    |           |                  |
|          |         | Concepts, Knowledge of RDBMS like  |                    |           |                  |
|          |         | Oracle/MS SQL/MongoDB/   |                    |           |                  |
|          |         | PostGres/MySQL, SQL Queries, Stored  |                    |           |                  |
|          |         | Procedures, Data interoperability through  |                    |           |                  |
|          |         | JSON, XML, Web Services, Familiar with   |                    |           |                  |
|          |         | Linux Operating System, Hands on   |                    |           |                  |
|          |         | Knowledge Softwares likes Image editing  |                    |           |                  |
|          |         | software (Adobe Photoshop), Animation<br>Software (3D Max, Autodesk Maya) for 3D |                    |           |                  |
|          |         | Graphic Designing, Animation, Visualizer,  |                    |           |                  |
|          |         | Texturing, Rendering, Rigging, Knowledge   |                    |           |                  |
|          |         | of web development using HTML/HTML5,   |                    |           |                  |
|          |         | CSS, JavaScript, JQuery, AJAX  |                    |           |                  |
|          |         | Total (B)  | 125                | 250       |                  |
|          |         | Total (A+B)  | 175                | 350       |                  |
|          |         | TIME DURATION= 3 HC  | URS                |           |                  |
|          |         | TOTAL CUMULATIVE MARKS (   | OF STAGE-I A       | ND STAGE- | ·II = 400        |

| SI<br>No | Post         | SYLLABUS FOR COMPUTER BASED TEST (CBT)  |                    |       |
|----------|--------------|---|--------------------|-------|
| 4        | JUNIOR HINDI | MCQ TEST  |                    |       |
|          | TRANSLATOR   | SUBJECT   | NO OF<br>QUESTIONS | MARKS |
|          |              | (A) GENERAL ASSESSMENT= 100 MARKS   |                    |       |
|          |              | General Knowledge and Current Affairs (Bilingual)   | 30                 | 60    |
|          |              | Reasoning & Mathematical Ability (Bilingual)  | 20                 | 40    |
|          |              | Total (A)   | 50                 | 100   |
|          |              | (B) DOMAIN KNOWLEDGE AND ASSESSMENT = 200 MARKS   |                    |       |
|          |              | History of Hindi and English Literature and Its Development Popular Hindi and English Novel, Play, Story, Essay, Critics and Poetry, Hindi and English Grammar and its usages, Modern Hindi and English Literature and Its Analysis, Art and Skills of Translation, Comparative Literature, Awareness about School Education, Examination Board and its Administration etc. | 100                | 200   |
|          |              | Total (B)   | 100                | 200   |
|          |              | Total (A+B)   | 150                | 300   |
|          |              | TIME DURATION= 2 ½ HOURS  |                    |       |

| SL<br>NO | POST      | SYLLABUS FOR COMPUTER BASED<br>STAGE-I                               |                 | STAGE-II |                 |
|----------|-----------|--|-----------------|----------|-----------------|
| 5        | SENIOR    | MCQ TEST   |                 |          | SKILL TEST      |
|          | ASSISTANT | SUBJECT  | NO OF QUESTIONS | MARKS    | Typing Speed    |
|          |           | (A)GENERAL ASSESSMENT= 100 MARKS                                     |                 |          | of 40 w.p.m. or |
|          |           | General Knowledge and Current Affairs                                | 20              | 40       | equivalent      |
|          |           | (Bilingual)  | 15              | 30       | calculated      |
|          |           | Reasoning & Mathematical Ability (Bilingual) General Hindi & English | 15              | 30       | speed on        |
|          |           | Total (A)  | 50              | 100      | computer i.e.   |
|          |           | (B) DOMAIN KNOWLEDGE AND ASSESSMENT=                                 |                 | 100      | 12000 KDPH.     |
|          |           | Service and Establishment Matter (Bilingual),                        | 100             | 200      |                 |
|          |           | Retirement Benefits Matter (Bilingual),                              | 100             | 200      | DURATION:       |
|          |           | General Financial Rules -2017, Audit,                                |                 |          | 10 MINUTES      |
|          |           | Purchase, Procurement, Tendering Process                             |                 |          |                 |
|          |           | and GeM (Bilingual), Principal of                                    |                 |          |                 |
|          |           | Management and Training & Development                                |                 |          |                 |
|          |           | (Bilingual), Computer Knowledge 'O' Level,                           |                 |          |                 |
|          |           | School Education, Examination Board and its                          |                 |          |                 |
|          |           | Administration etc.  |                 |          |                 |
|          |           | Total (B)  | 100             | 200      |                 |
|          |           | Total (A+B)  | 150             | 300      |                 |
|          |           | TIME DURATION= 2 ½ HOU   |                 |          |                 |

| SL<br>NO | POST         | SYLLABUS FOR COMPUTER BASED 1<br>STAGE-I   | STAGE-II        |       |                           |
|----------|--------------|--|-----------------|-------|---------------------------|
| 6        | STENOGRAPHER | MCQ TEST   |                 |       |                           |
|          |              | SUBJECT  | NO OF QUESTIONS | MARKS | Dictation<br>10 minutes @ |
|          |              | General Knowledge, Current Affairs and General Awareness about the Environment (Bilingual) | 30              | 60    | 80 w.p.m.                 |
|          |              | Reasoning & Mathematical Ability (Bilingual)   | 25              | 50    | 50 mts<br>(Eng)/65 mts    |
|          |              | General Hindi & English  | 25              | 50    | (Hindi) on                |
|          |              | Basic Computer Knowledge   | 10              | 20    | computer.                 |
|          |              | Awareness about School Education, Examination Board and its Administration etc.            | 10              | 20    | oempaten                  |
|          |              | Total  | 100             | 200   |                           |
|          |              | TIME DURATION: 2 HOUR  | S               |       |                           |

| SL<br>NO | POST       | SYLLABUS FOR COMPUTER BASED TEST (CI  | ВТ)             |       |
|----------|------------|---|-----------------|-------|
| 7        | ACCOUNTANT | MCQ Test  |                 |       |
|          |            | SUBJECT   | NO OF QUESTIONS | MARKS |
|          |            | (A) GENERAL ASSESSMENT= 100 MARKS   |                 |       |
|          |            | General Knowledge and Current Affairs (Bilingual)   | 20              | 40    |
|          |            | Reasoning & Mathematical Ability (Bilingual)  | 15              | 30    |
|          |            | General Hindi & English   | 15              | 30    |
|          |            | Total (A)   | 50              | 100   |
|          |            | (B) DOMAIN KNOWLEDGE AND ASSESSMENT= 200 MARK   | (S              |       |
|          |            | Financial Accounting, Accounting Standards, Indirect & Direct - Tax Management, MIS, Costing Techniques, Auditing, Cost & Management Accounting, Financial Management, Management Science, Operation & Project Management Control, Computer Applications in Business, Security Analysis and Investment Management, Management Control System etc, School Education, Examination Board and its Administration etc. | 100             | 200   |
|          |            | Total (B)   | 100             | 200   |
|          |            | Total (A+B)   | 150             | 300   |
|          |            | TIME DURATION = 2 ½ Hours   |                 |       |

| SL<br>NO | POST      | SYLLABUS FOR COMPUTER BASED TEST (CBT) STAGE-I   |                 |       | STAGE-II   |
|----------|-----------|--|-----------------|-------|--|
| 8        | JUNIOR    | MCQ TEST   |                 |       | SKILL TEST   |
|          | ASSISTANT | SUBJECT  | NO OF QUESTIONS | MARKS | A Typing speed of 35 w.p.m. or equivalent                                |
|          |           | General Knowledge, Current Affairs and General Awareness about the Environment (Bilingual) | 30              | 60    | speed of 10500 KDPH<br>in English or 30 w.p.m.<br>or equivalent speed of |
|          |           | Reasoning & Mathematical Ability (Bilingual)   | 25              | 50    | 9000 KDPH in Hindi   |
|          |           | General Hindi & English  | 25              | 50    | on Computer.   |
|          |           | Basic Computer Knowledge   | 10              | 20    | on compaton  |
|          |           | Awareness about School Education, Examination Board and its Administration etc.            | 10              | 20    | DURATION:<br>10 MINUTES  |
|          |           | Total  | 100             | 200   |  |
|          |           | TIME DURATION: 2 HOU   | IRS             |       |  |

| SL<br>NO | POST       | SYLLABUS FOR COMPUTER BASED TEST (CBT)  |                 |       |
|----------|------------|---|-----------------|-------|
| 9        | JUNIOR     | MCQ Test  |                 |       |
|          | ACCOUNTANT | SUBJECT   | NO OF QUESTIONS | MARKS |
|          |            | (A) General Assessment= 100 Marks   |                 |       |
|          |            | General Knowledge and Current Affairs (Bilingual)   | 25              | 50    |
|          |            | Reasoning & Mathematical Ability (Bilingual)  | 15              | 30    |
|          |            | General Hindi & English   | 10              | 20    |
|          |            | Total (A)   | 50              | 100   |
|          |            | (B) Domain Knowledge and Assessment= 100 Marks  |                 |       |
|          |            | Introduction of Government Accounting System and Government Budgeting. Fundamental Principles and Basic Concepts of Accounting: Financial Accounting - Nature and scope, Limitations of Financial Accounting, Basic Concepts and Conventions, Generally Accepted Principles. Basic Concepts of Accounting: Single and Double Entry System, 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 making organizations' Accounts, Receipts and Payments, Income & Expenditure Accounts, Bills of Exchange, Self-Balancing Ledgers, School Education, Examination Board and its Administration etc. | 50              | 100   |
|          |            | Total (B)   | 50              | 100   |
|          |            | Total (A+B)   | 100             | 200   |
|          |            | TIME DURATION: 2 HOURS  |                 |       |

## 13. EXPECTED LEVEL OF KNOWLEDGE FOR CONDUCTING CBT EXAMINATION

| POST CODE | NAME OF THE POSTS                     | LEVEL   |
|-----------|---------------------------------------|---|
| 1/19      | ASSISTANT SECRETARY, GROUP- A         | Graduate Level  |
| 2/19      | ASSISTANT SECRETARY (IT),<br>GROUP- A | For General Assessment = Graduate Level  Domain Knowledge and Assessment = Post  Graduate level |
| 3/19      | ANALYST (IT), GROUP- A                | For General Assessment = Graduate Level  Domain Knowledge and Assessment = Post  Graduate level |
| 4/19      | JUNIOR HINDI TRANSLATOR,<br>GROUP- B  | For General Assessment = Graduate Level  Domain Knowledge and Assessment = Post  Graduate level |
| 5/19      | SENIOR ASSISTANT, GROUP- C            | Graduate Level  |
| 6/19      | STENOGRAPHER, GROUP- C                | Graduate Level  |
| 7/19      | ACCOUNTANT, GROUP- C                  | Graduate Level  |
| 8/19      | JUNIOR ASSISTANT, GROUP- C            | Senior Secondary Level  |
| 9/19      | JUNIOR ACCOUNTANT, GROUP- C           | Graduate Level  |