

**Ref No: PNGBPL/HR-Adv/03-2022**

**Guwahati: 09.12.2022**

**Please go through the detail advertisement and ensure that you meet all the eligibility requirements and other conditions specified below, before you apply for any position. Details once submitted cannot be altered/resubmitted, under any circumstances.**

<b>Last Date of Submission of Detailed Application</b>	<b>31.12.2022</b>
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Purba Bharati Gas Pvt. Ltd. (PBGPL) is a joint venture company of Assam Gas Company Ltd. (AGCL), Oil India Ltd. (OIL) and GAIL Gas Ltd. (GAIL Gas) and was incorporated on 19th November, 2019. Consortium of AGCL, OIL and GAIL Gas with AGCL as lead partner was authorized to implement City Gas Distribution (CGD) project in the geographical areas (GAs) of Cachar, Hailakandi and Karimganj Districts and Kamrup & Kamrup Metropolitan Districts. The company have its registered office at Guwahati with a branch office located at Silchar, Assam. The company is looking for suitable candidate for the following posts:

**1. DETAILED VACANCY:**

Positions	Grade	Vacancy	Minimum Qualification	Experience in Years	Maximum Age	Minimum & Maximum fixed annual CTC
Project Engineer (Mechanical)	E1	6 (six) No. only	ESSENTIAL: Degree/PG in Mechanical engineering with 60% marks or CGPA of 6 out of 10-point scale or 3 on 6-point scale.  DESIRABLE: 2 years Full Time/ 3 years Part Time recognized MBA/ PGDM as an added qualification	1 year Post Qualification in line experience in executive position	30 yrs	₹ 6,00,312 - ₹ 8,86,884
Contract & Purchase Officer /Engineer	E1	1 (One) No. only	ESSENTIAL Graduate in Engineering, preferable Mechanical or Electrical Engineering with 60% marks or CGPA of 6 on 10-point scale or 3 on 6-point scale.  DESIRABLE MBA with specialization in Material Management as an added qualification	1 year Post Qualification in line experience in executive position	30 yrs	₹ 6,00,312 - ₹ 8,86,884

Positions	Grade	Vacancy	Minimum Qualification	Experience in Years	Maximum Age	Minimum & Maximum fixed annual CTC
Finance & Accounts Officer	E1	1 (One) No. only	<b>ESSENTIAL</b> Graduate plus ACA/ACMA/2 years full time MBA with specialization in Finance from a reputed institute as an added qualification	1 year Post Qualification in line experience in executive position	30 yrs	₹ 6,00,312 - ₹ 8,86,884
HR Officer	E1	1 (One) No. only	<b>ESSENTIAL</b> Graduate + 2 years full time recognized MBA/PGDM with specialization in HR/HRD Mgt/MSW with 60% marks or CGPA of 6 on 10-point scale or 3 on 6-point scale <b>DESIRABLE</b> LLB as an added qualification	1 year Post Qualification in line experience in executive position	30 yrs	₹ 6,00,312 - ₹ 8,86,884
Marketing Officer	E1	1 (One) No. only	<b>ESSENTIAL</b> Graduate in Engineering, preferably Mechanical or Electrical Engineering with 60% marks or CGPA of 6 on 10-point scale or 3 on 6-point scale <b>DESIRABLE</b> 2 years full time/3 years part time recognized MBA/PGDM with specialization in Marketing as an added qualification	1 year Post Qualification in line experience in executive position	30 yrs	₹ 6,00,312 - ₹ 8,86,884

- Last date of reckoning age and other eligibility Conditions is **31.12.2022**
- Preference will be given to candidates having in line experience in CGD Companies.
- All qualifications must be from UGC recognized Indian University/UGC recognized Indian Deemed University or AICTE approved Autonomous Indian institution/ concerned statutory council (wherever applicable,)
- Only full-time regular courses will be considered and this shall include Graduation and Post-Graduation (including MBA/PGDM) as specified under the essential qualification's column in job specification.
- The Company also reserves the right to fill or not to fill all or any of the notified positions without assigning any reason therefor.

- Only shortlisted candidates who are found apparently eligible based on the notified specifications and the details given in their application form will be called for CBT exam.
- Candidates may apply for more than one post meeting the eligibility requirements. Such candidates will have to register and submit separate applications for each post as applicable.

## 2. **APPLICATION FEES:**

Non-Refundable Application Fees will be as under which have to be paid through online mode only:

Category	Application Fee Amount (Rs.)
For All Candidates	₹ 500 + Applicable charges

**Application fee once paid will not be refunded under any circumstances. Candidates are therefore requested to verify their eligibility before the payment of the application fee.**

## 3. **SUBMISSION OF APPLICATION:**

- Candidates will have to submit the duly filled application form online in the using the link provided in the Website along with copies of necessary certificates.
- Candidate have to upload following documents with defined size:
  - Candidate Signature,
  - Photo &
  - Qualification certificates along with Experience Certificate.
- Candidates fulfilling the criteria may apply online through the link available on the **Purba Bharati Gas Pvt. Ltd** website (<https://pbgpl.com/careers>)
- Candidates should have a valid personal email ID and mobile number. It should be kept active during the entire recruitment process. Registration number, password, and all other important communication will be sent on the same registered email ID (please ensure that email sent to this mailbox is not redirected to your junk/spam folder).
- Detailed Instructions for filling online application are available on the „Instruction Page“. Candidate should read the instructions carefully before making any entry or selecting options.
- Candidates should take utmost care to furnish the correct details while filling in the on-line application. CANDIDATE CAN EDIT THE INFORMATION BEFORE FINAL SUBMISSION OF STEP-I and STEP-II. Once the form is submitted, it cannot be edited.
- Candidates are not required to submit to PBGPL, either by post or by hand, the printouts of their online applications or any other document.
- The candidates are advised to submit only single online application for a post. However, if somehow, he/she submits multiple online applications, then he/she must ensure that online application with the higher “Application Sequence Number” is complete in all respects.
- The applicants, who submit multiple online applications for a post, should note that only the online application with higher “Application Sequence Number” shall be entertained by the PBGPL.
- Candidates are required to keep active their Email-ID and Mobile Number registered in online application till the completion of this recruitment process. PBGPL will send communications only at the registered email ID/mobile of the candidates. Therefore, under no circumstances, the candidates should provide email ID to anyone.

- Candidates are advised in their own interest to apply online much before the closing date and not wait till the last date to avoid the possibility of congestion in server to log on etc.
- The step by step process for submitting the application form for recruitment is given below:

**a) STEP- I (SIGN- UP/REGISTRATION):**

- Candidates may visit our website and click the APPLY ONLINE button under “**Recruitment of Officers in E-1 grade for PBGPL**”.
- Candidates will need to select the post he/she is applying followed by their personal details along with valid **E-mail ID** and **Mobile Number** while signing up.
- The candidate should fill up all the desired information on the registration/sign up page i.e. Personal details, Contact Details, etc. correctly.
- On completion of Step-I (Sign Up), after OTP authentication via Email & Mobile number a email/message will be received in candidate’s registered email id/mobile conveying his/her “Application Number”/User name and “Password”. Candidates are advised to verify the correctness of the **Email ID & Mobile Number** before proceeding further.

**b) STEP II (COMPLETION OF APPLICATION FORM):**

- After signing-up, candidate are requested to fill their Basic details (Address ), Qualification Details, Eligibility Details, Experience details etc. and upload photo/signature and scanned relevant certificates etc.
- Instructions regarding scanning of photograph, Signature and Certificates:
  - Candidates should upload the scanned (digital) image of their photograph and signature and relevant certificate as per the process given below.
  - The applicant should note that only jpg/jpeg format is acceptable:
  - **Photograph Image:**
    - I. Photograph must be a recent passport size color picture on light background (not older than 03 weeks)
    - II. Look straight at the camera with a relaxed face
    - III. The size of the scanned image should be between 50kb-200kb in jpg/PNG format only.
  - **Signature Image:**
    - I. The applicant has to sign on white paper with Black ink pen.
    - II. The signature must be signed only by the applicant and not by any other person.
    - III. Please scan the signature area only and not the entire page
    - IV. Size of the file should be between 50kb-200kb in jpg/PNG format only
  - **Other Certificate:**
    - I. Scanned relevant certificates respectively for EWS/SC/ST/OBC(NCL)/PwBD /Ex Servicemen.

- II. Size of file should be between 50kb-1000 kb in PDF/JPG/JPEG format only.
- III. After uploading Photo, Signature images and relevant certificates (as applicable), Click on “Submit” button then Application will be submitted and it will be showing on screen “Your application has been successfully submitted.”
- Candidates may make the following documents ready to be uploaded while applying online:
  - I. Copy of recent Scanned passport size colored photograph.
  - II. Scanned Signature.
  - III. Caste/Disability Certificate/EWS certificate/Ex-Servicemen certificate in format as mentioned earlier (if applicable).
  - IV. All the Qualification certificates along with Experience Certificate.

**c) STEP III (ONLINE PAYMENT OF APPLICATION FEE):**

- Candidates are advised to recheck the form with preview available before submitting the form & then proceed for Make Payment button. Once payment portal is opened, then DO NOT click “Refresh” or “Back” Button.
- Steps to be followed in portal for Online Payment:
  1. Select online Payment Option.
  2. Kindly make the online payment via credit or debit card or Net Banking and retain the transaction number for future reference.
- If there are any technical queries/clarifications relating to the filling up of ONLINE APPLICATION, candidates are advised to contact the helpdesk at E-mail: **support@registernow.in** or Phone no.: **+919310611990**
- Candidates should read the instructions carefully and fill in the online Application Form giving accurate information.
- All the details given in the Application Form will be treated as final and no changes will be entertained.

**4. SELECTION PROCESS:**

**In para 1.0 above** Details of Posts/Vacancies/Educational Qualifications/Age Limit/ Experience in Years in Grade E-1 are mentioned. The eligible/short listed candidates for the posts will have to appear for Computer Based Test (CBT) and Personal Interview, details of which are as under:

Selection Test		Total Marks	Qualifying Marks
Phase I	Computer Based Test (CBT)	100	Will be decided based on number of Applicants
Phase II	Personal Interview (PI)	50	No qualifying marks

- The candidates who qualify in the Phase-I, i.e. CBT will only qualify for the next round of the Selection process i.e. Personal Interview.
- Exam centre for CBT exam will be in **Guwahati, Assam** only.

- The merit list of candidates shall be drawn based on combined weighted marks of Computer Based Test (CBT) and Personal Interview as per weightages set by the company.
- Candidates who qualify in the Computer Based Test (CBT) will be called in a ratio of 1:5 or 1:7 for the PI based on marks in the Computer Based Test (CBT). The Company will decide the ratio at which the number of candidates will be called for Interview.
- The eligible candidates will be called for interview and the Candidates will have to produce the requisite documents for verification and scrutiny. After clearing the scrutiny process, shortlisted candidates will attend the Interview.
- The detailed Syllabus is attached herewith as **Annexure-A**.

## **5. PLACEMENT:**

The selected candidate will ideally be posted at in any location, department, function or branch of the Company or any other joint venture company of the company as per discretion of the Company.

## **6. PROBATION PERIOD:**

The selected officer will be on Probation for 01(one) year from the Date of Joining. After satisfactory completion of Probation period the candidate will confirmed in grade.

## **7. PRE-EMPLOYMENT MEDICAL EXAM**

Appointment to the above posts will be subject to the candidate being found medically fit as per the standards prescribed by the Company. Shortlisted candidate shall be required to get their Pre-Employment Medical Examination done in company nominated hospitals at their own cost which will be reimbursed to the selected candidate subject to joining by the candidate. Referral for a medical examination does not mean final selection of the candidate.

## **8. DOCUMENT VERIFICATION AND PERSONAL INTERVIEW PROCESS**

- A. On the date of Personal interview, candidates will have to produce the requisite documents for verification and scrutiny. After clearing the scrutiny process, shortlisted candidates will only be allowed to attend the Interview process. Please note that Interview may spill over to next day(s) if no. of candidates are more.
- B. Candidates will not be allowed to appear in the Interview if they fail to produce all the documents (In original) which establish that they are meeting the qualifying criteria for the said post. The candidate will also need to submit a full set of self-attested photocopies of all the below mentioned documents/ certificates/ mark sheets etc. and two passport size-coloured photographs for our record.
- C. In case candidate is presently employed in Central Public Sector Enterprise / State Public Sector Enterprise, you must produce 'No Objection Certificate' at the time of interview, failing which you will not be allowed to appear for the interview and your candidature will not be entertained.
- D. Candidates shall give undertaking that the information furnished by him/her are true and in case any information furnished by a candidate is found to be faulty at any stage of the recruitment process, his/her candidature shall be summarily rejected without assigning any reason thereof.
- E. Before applying for the post, candidate should ensure that he/ she fulfils the eligibility criteria and other conditions mentioned in this advertisement. The Company would be free to reject any application at any stage of the recruitment process, if the candidate is found ineligible for the position for which he/ she has applied. No correspondence shall be entertained in this regard.

**9. DOCUMENTS TO BE SUBMITTED FOR VERIFICATION AT THE TIME OF INTERVIEW:**

- i. Detailed Curriculum Vitae (CV) .
- ii. Date of Birth document/ Age proof.
- iii. Educational qualification marksheets & pass certificate (starting from Xth /matriculation standard upto Essential qualification and other Qualifications given in the applications)
- iv. Experience Certificates of previous & current employments. Experience certificates should clearly mention the Date of Joining / Date of relieving including the post held in that organization.
- v. Latest Payslip from the current organization, if currently employed.
- vi. No Objection Certificate, wherever applicable.
- vii. 2 passport size colour photographs

**10. TA CLAIMS FOR PERSONAL INTERVIEW ONLY:**

Candidates who qualify in the Computer Based Test (CBT) will be called in a ratio of 1:5 or 1:7 for the PI based on marks in the Computer Based Test (CBT). The Company will decide the ratio at which the number of candidates will be called for Personal Interview. Outstation candidates will be reimbursed to and fro Train fare only (3 tier-AC) by the shortest route from current place of stay to Guwahati upon submission of valid documentary proof (both to & fro journey). Local conveyance and accommodation will not be reimbursed.

**Please note only those candidates who are qualified to appear in the Personal Interview after scrutiny of documents/ credentials will be eligible to claim TA.**

**Please note that NO TA claim will be provided for CBT exam.**

**11. GENERAL INSTRUCTIONS:**

- a. Only Indian Nationals are eligible to attend the Interview.
- b. No manual/ paper application will be entertained.
- c. Candidates are advised to carefully read the full advertisement for details of eligibility criteria and selection modalities before submission of application and they are advised to furnish the correct information about their qualification, age, category etc.
- d. The E-mail ID and Mobile number entered in the online application form must remain valid for at least next one year from the date of filling the online application. No change in the E-mail ID will be allowed, once entered. All future correspondence would be sent via E-mail only.
- e. The candidate shall be wholly/exclusively responsible for the information provided in his/her application form. All details given in the application form will be treated as final and no changes will be entertained.
- f. Candidature/appointment (if selected) of a registered candidate is liable to be cancelled/terminated at any stage of recruitment process or after recruitment or joining, if any information provided by the candidate is found to be false or is not found to be in conformity with eligibility criteria mentioned in the advertisement.
- g. Candidates, if shortlisted for the next stage of the selection process are required to bring their original testimonials and certificates at the time of Personal Interview. The following documents will only be accepted at the time of verification:
  - Birth Certificate / Matriculation/10th Standard pass certificate indicating date of birth, or mark sheet of Matriculation/10th Standard or equivalent issued by Central/State Board indicating date of birth in support of their claim of age.
  - Degree/Diploma certificate along with mark sheets pertaining to all the academic years/ consolidated mark sheet as proof of educational qualification claimed. In

the absence of Degree/Diploma certificate, provisional certificate along with mark sheets pertaining to all the academic years will be accepted.

- Calculation of percentage of marks should be as per university/ institute rules. Wherever CGPA/OGPA/DGPA or Letter Grade in a degree/ diploma is awarded, its equivalent percentage of marks must be indicated in the application form as per norms adopted by the Institute. Rounding off of percentage would not be allowed.
- h. The prescribed qualifications are minimum and mere possession of the same does not entitle candidates to be called for the Selection Test. Only shortlisted candidates will be notified for the Selection Test.
- i. Where the number of applications received in response to the advertisement is very large and it will not be convenient or possible for the Company to call all the candidates for the Selection Test, the Company at its discretion may restrict the number of candidates to reasonable limit by raising the minimum eligible standards. The candidates should, therefore, mention all the qualifications and experience (if any) in the relevant fields over and above the minimum qualifications.
- j. PBGPL reserves the right to cancel/restrict/enlarge/modify/alter the recruitment process, if need so arises, without issuing any further notice or assigning any reason whatsoever
- k. Before attending, candidates should ensure that they fulfill the eligibility criteria for the post. Ineligible candidates will not be allowed to appear in the interview.
- l. Queries can be emailed at [recruitment@pbGPL.com](mailto:recruitment@pbGPL.com) keeping the advertisement no. and position as the subject of the email.
- m. Cut-off date for determining age limit and post qualification experience will be as mentioned in the advertisement.
- n. The company also reserves the right to fill or not to fill all or any of the notified positions without assigning any reasons therefor.
- o. Only shortlisted candidates who are found apparently eligible based on the notified specifications and the details given in their application form will be called for interview.
- p. Candidates must be in possession of all applicable educational qualification Certificates, experience certificates and mark sheets at the time of appearing for the interview.
- q. All applicants must fulfil the essential requirements of the post and other conditions stipulated in the advertisement. They are advised to satisfy themselves before applying. No enquiry asking for advice as to eligibility will be entertained.
- r. Furnishing of wrong/false information will lead to disqualification and Company will not be responsible for any of the consequences of furnishing such wrong/false information. If at any stage during the recruitment and selection process, it is found that the candidates have furnished false or wrong information or is found ineligible with respect to any of the eligibility parameters, his/her candidature will be rejected. If any of the above discrepancies w.r.t. to eligibility parameters, furnishing of wrong intimation and or suppressing of any material fact is detected / noticed even after appointment, his/her services will be liable for termination without any further notice.
- s. Canvassing in any form during any stage of recruitment process will lead to cancellation of candidature.
- t. Court of jurisdiction for any dispute will be at Guwahati.

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## SYLLABUS FOR CBT EXAM:

## 1. Post 1 : Project Engineer (Mechanical)

#	SYLLABUS
Part -I	<p><b>General English-</b> Spelling test, Jumbling of sentences, sentence correction/spotting errors, spelling test, etc.</p> <p><b>General Aptitude &amp; Emotional Intelligence-</b> Profit-loss, speed time distance, average, Problems related to age, Time and work, simple interest, compound interest, etc.</p> <p><b>General knowledge</b> – Ancient India, Medieval India,, Indian Freedom struggle, Art and culture, Geography of India- Location, land, population, physical features, river system etc, Basic Economy topics such as National income, GDP, GNP, NDP, NNP, Poverty, Planning Commission, NITI Ayog, etc, Basic Indian Polity topics such as articles and schedules, Sources of Indian constitution, Fundamental Rights and Duties, etc.</p> <p><b>Test of Reasoning</b> – Verbal and Non-verbal reasoning, Analogy, blood relations, series, Venn diagram, classification, mirror images, paper cutting etc.</p>
Part-II	<p><b>Mechanical Engineering-</b> Forces and force system, friction, trusses and frames, Simple stress-strain analysis, basic thermodynamics, zeroth, first, and second laws of thermodynamics, the concept of entropy, Pure substance, Fluid properties, classification of fluids, fluid statics, Ferrous and non-ferrous alloys, Simple welding techniques such as arc welding, gas welding, resistance welding, TIG, MIG, Brazing and soldering, etc.</p>
Part-III	<p><b>Project Management</b> – Project life cycle, product life cycle, Importance of teamwork in an organization, Network techniques such as CPM, PERT, Project monitoring and control, Tenders, Audits, etc.</p>

## 2. Post 2: C&amp;P officer/Engineer

#	SYLLABUS
Part -I	<p><b>General English-</b> Spelling test, Jumbling of sentences, sentence correction/spotting errors, spelling test, etc.</p> <p><b>General Aptitude &amp; Emotional Intelligence-</b> Profit-loss, speed time distance, average, Problems related to age, Time and work, simple interest, compound interest, etc.</p> <p><b>General knowledge</b> – Ancient India, Medieval India, Indian Freedom struggle, Art and culture, Geography of India- Location, land, population, physical features, river system etc, Basic Economy topics such as National income, GDP, GNP, NDP, NNP, Poverty, Planning Commission, NITI Ayog, etc, Basic Indian Polity topics such as articles and schedules, Sources of Indian constitution, Fundamental Rights and Duties, etc.</p> <p><b>Test of Reasoning</b> – Verbal and Non-verbal reasoning, Analogy, blood relations, series, Venn diagram, classification, mirror images, paper cutting etc.</p>
Part-II	<p><b>Common Engineering-</b> Forces and force system, friction, trusses and frames, basic thermodynamics, zeroth and first laws of thermodynamics, Semiconductor diode, diode application, Bipolar junction transistor basics, Construction Materials: Basic ingredients of Concrete. Smart materials/alternate materials, centroid and moment of inertia, Basic laws of electrical engineering such as ohm' law, Kirchoff's law and their applications for network solutions. Simplifications of networks using series and parallel combinations and star-delta conversions.</p>
Part-III	<p><b>Contract and Purchase Topics:</b> Questions on business requirements for goods, materials, and services Requirements of contract, Tendering and Public Procurement, <i>CVC guidelines</i> etc.</p>

## 3. Post 3: Finance &amp; Accounts Officer

#	SYLLABUS
Part -I	<p><b>General English-</b> Spelling test, Jumbling of sentences, sentence correction/spotting errors, spelling test, etc.</p> <p><b>General Aptitude &amp; Emotional Intelligence-</b> Profit-loss, speed time distance, average, Problems related to age, Time and work, simple interest, compound interest, etc.</p> <p><b>General knowledge</b> – Ancient India, Medieval India, Indian Freedom struggle, Art and culture, Geography of India- Location, land, population, physical features, river system etc, Basic Economy topics such as National income, GDP, GNP, NDP, NNP, Poverty, Planning Commission, NITI Ayog, etc, Basic Indian Polity topics such as articles and schedules, Sources of Indian constitution, Fundamental Rights and Duties, etc.</p> <p><b>Test of Reasoning</b> – Verbal and Non-verbal reasoning, Analogy, blood relations, series, Venn diagram, classification, mirror images, paper cutting etc.</p>
Part-II	<p><b>Finance and Account-</b> Basics of Accounting and auditing, concepts of direct and indirect taxes, Goods and services tax, Investment Management, Managerial Economics concepts, Accounting and finance for managers International financial reporting standards, Quantitative techniques and research methods for management, Cost accounting, Company's Act, General Banking, Business environment, Auditing, company law, Indian Accounting Standards (Ind AS) etc.</p>

## 4. Post 4: HR Officer

#	SYLLABUS
Part -I	<p><b>General English-</b> Spelling test, Jumbling of sentences, sentence correction/spotting errors, spelling test, etc.</p> <p><b>General Aptitude &amp; Emotional Intelligence-</b> Profit-loss, speed time distance, average, Problems related to age, Time and work, simple interest, compound interest, etc.</p> <p><b>General knowledge</b> – Ancient India, Medieval India, Indian Freedom struggle, Art and culture, Geography of India- Location, land, population, physical features, river system etc, Basic Economy topics such as National income, GDP, GNP, NDP, NNP, Poverty, Planning Commission, NITI Ayog, etc, Basic Indian Polity topics such as articles and schedules, Sources of Indian constitution, Fundamental Rights and Duties, etc.</p> <p><b>Test of Reasoning</b> – Verbal and Non-verbal reasoning, Analogy, blood relations, series, Venn diagram, classification, mirror images, paper cutting etc.</p>
Part-II	<p><b>Domain Knowledge:</b> Principles of Management and Organizational Behaviour, , Fundamentals of Human resource management, Nature &amp; Scope of Human resource management, Human resource planning and job analysis, Recruitment &amp; Selection, concept of training, Development and education, Performance Appraisal , Transfer &amp; Promotion, Compensation Administration, Maintenance-Employees Health &amp; Safety, Employees welfare and social securities (PF, Gratuity etc), Labour Laws, Employees Grievances, HR audit, HR information system, Communication in corporate, Fundamentals of Operations Management, concept to build Industrial relations, concepts of planning relations, Business environment and Ethics, Strategic management, the concept of performance management, etc.</p>

## 5. Post 5: Marketing Officer

#	SYLLABUS
Part -I	<p><b>General English-</b> Spelling test, Jumbling of sentences, sentence correction/spotting errors, spelling test, etc.</p> <p><b>General Aptitude &amp; Emotional Intelligence-</b> Profit-loss, speed time distance, average, Problems related to age, Time and work, simple interest, compound interest, etc.</p> <p><b>General knowledge</b> – Ancient India, Medieval India, Revolt of 1857, Indian Freedom struggle, Art and culture, Geography of India- Location, land, population, physical features, river system etc, Basic Economy topics such as National income, GDP, GNP, NDP, NNP, Poverty, Planning Commission, NITI Ayog, etc, Basic Indian Polity topics such as articles and schedules, Sources of Indian constitution, Fundamental Rights and Duties, etc.</p> <p><b>Test of Reasoning</b> – Verbal and Non-verbal reasoning, Analogy, blood relations, series, Venn diagram, classification, mirror images, paper cutting etc.</p>
Part-II	<p><b>Common Engineering-</b> Forces and force system, friction, trusses and frames, basic thermodynamics, zeroth and first laws of thermodynamics, Semiconductor diode, diode application, Bipolar junction transistor basics, Construction Materials: Basic ingredients of Concrete. Smart materials/alternate materials, centroid and moment of inertia, Basic laws of electrical engineering such as ohm' law, Kirchhoff's law and their applications for network solutions. Simplifications of networks using series and parallel combinations and star-delta conversions.</p>
Part-III	<p><b>Domain Knowledge:</b> Questions managing organization, topics related to managerial economics, business accounting fundamentals, effect and study of Business Environment, Business Statistics, concepts of Marketing Management, Role of the marketing team in an organization, Business laws, Management of human resources, fundamentals of operation research, Assignment problem, transportation problem Queuing Theory, Network Techniques, Managerial Economics concepts, Fundamentals of Operation management, Networking management, Corporate laws, Corporate Communication, Industrial policies etc.</p>