Recruitment of Engineer/Executive Trainee – 2022

EXAM PATTERN & SYLLABUS

BHEL EXAM PATTERN:

BHEL Examination for Engineer/Executive Trainee – 2022 positions shall be an Objective Type - Computer Based Examination of Duration – 2.5 Hours (i.e 150 Minutes).

The Computer Based Examination shall have 4 Sections as described in the Table below:

Section Description		Marks per Question	No. of Questions
Section-I:	Question on Subject i.e (Civil or Mechanical or IT or Electrical or Chemical or Metallurgy or Finance or HR)	1	120
Section-II:	Test on Reasoning	1	50
Section-III:	General Knowledge	1	20
Section-IV:	General English	1	50
Total		**240 Questions**	
(240 Questions x 01 marks per Question = 240 marks)			

There shall be 4 Options for Each Question and a negative marking of (1/4th of Marks) for each question. There is no separate Sectional Cut-Off. However, the merit list shall be drawn on Total marks obtained by candidate in the Computer Based Examination.

BHEL EXAM SYLLABUS (In Brief):

Section wise - Syllabus in Brief is described in the table below:

Section Description	Syllabus
Section-I: Question on Subject	**For Civil or Mechanical or IT or Electrical or Chemical or Metallurgy Disciplines:** Subject questions shall be as per AICTE Model Curriculum for UG Degree Courses in Engineering & Technology **For Finance Discipline:** Subject questions shall be as per CA/ICWA Curriculum. **For HR Discipline:** Subject questions shall be as per MBA-HR Curriculum.
Section-II: Test on Reasoning	Numerical Abilities such as Number System, decimals, fractions and relationships between numbers, Percentage. Ratio & Proportion, Basic algebraic identities of School Algebra, Factor, Heights and Distances. A.P. & G.P. Series & Reasoning abilities such as Analogies, similarities and differences, space visualization, spatial orientation, problem solving, analysis, judgement, decision making, Visual memory, discrimination, observation, relationship concepts, arithmetical reasoning and figural classification, arithmetic number series, non- verbal series, coding and decoding, Word Building statement conclusion, syllogistic reasoning , Passage – True/False statements/ analogies, Venn Diagrams, Symbolic/Number Classification, Figural Classification etc.
Section-III: General Knowledge	Everyday Science, Sports, Indian Culture, Indian History, Indian national movement, World & Indian Geography, Natural resources Indian Economy Indian Polity, Indian Constitution National & International current affairs, Environment India's Agriculture, Trade & Commerce Basic Information technology.
Section-IV: General English	Error recognition, fill in the blanks (verbs, Preposition etc.) synonyms, antonyms spelling/detecting Mis-spelt words, wrong usage of words, idioms & phrases, one-word substitution sentences structure, Sentence completion, shuffling of sentence parts, shuffling of sentences in a passage, comprehension passage