



DELHI TECHNOLOGICAL UNIVERSITY

Established by Govt. of Delhi vide Act 6 of 2009
(Formerly Delhi College of Engineering)

SHAHBAD DAULATPUR, BAWANA ROAD, DELHI-110042

Scheme of Screening Test: MCQ Based

- Time: 2 hours
- Max. Marks: 400 (100 Questions)
- 4 Marks for each correct answer.
- 1 Negative Mark for each incorrect answer.

Syllabus of Screening Test for the Post of Assistant Professor of Practice (T&P):

A. English Language and Comprehension (20%)

Vocabulary, Grammar, Sentence structure, Synonyms, Antonyms, Homonyms, Spot the error, Fill in the blanks, Spellings/detecting mis-spelt words, Idioms and 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.

B. Logical Reasoning and Quantitative Aptitude, Data Interpretation (25%)

Types of Puzzles: Seating arrangements, Visualization-based puzzles, Scheduling problems.

Reasoning and General Intelligence: Critical thinking, Problem solving, Emotional intelligence, Social intelligence

Quantitative Aptitude: Percentages, Ratio and proportion, Averages and mixtures, Profit loss and discount, Time and work, Mean, Mode, Median, Moment, Quartile.

Types of Graphs: Bar graphs, Pie charts, Line graphs, Venn diagrams, Caselets, Combination of multiple graphs.

C. Fundamentals of Placement Planning and Management (25%)

Recruitment and selection, Performance management, Learning and development, Succession planning, Compensation and benefits, Human information systems, Application of AI in management. Human resource planning, Job analysis, Job description and Job specification. Human resource forecasting, auditing and accounting. Recruitment and selection, talent acquisition, process and methods of selection. Training and development, assessment, design and implementation. Performance management: appraisal systems, career planning, competency mapping, talent management, compensation management & benefits and job stress. Quality of work life, employee welfare, collective bargaining, safety and health, employee attrition. Application of AI in HR management.

D. Computer Literacy and IT Proficiency (20%)

Office Productivity Tools (MS Word, MS Excel and Power Point), Internet and email proficiency, Data management & analytics, Digital tools for campus hiring, Online collaboration and meeting tools (Google Meet, Zoom, MS Teams), IT Security and digital etiquette, Career support tools and platforms (Naukri, Indeed, Internshala, LinkedIn, AMCAT, CoCubes, Mettl), Cyber security basics, MIS reporting tools, ERP portal, Visualization tools (power bi, tableau, etc).

E. General Awareness (10%)

Role of statutory bodies (UGC, AICTE, NAAC, NBA etc.), Digital and online education platforms, Contemporary issues & current affairs, Market trend and job scenario, Recent trends in education & industry, Emerging technologies, Startup ecosystem, National skill development initiatives, Important government schemes related to education/employment (NEP etc.).