Annexure-IX

JUNIOR TRANSLATOR/HINDI

1. The General Portion for this paper will contain 50 questions.

2. In the language portion, 30 questions will be from Hindi language and 20 questions will be from English language. These 50 questions will not be translated in other languages. As such, questions pertaining to Hindi language will be printed in Hindi only and questions pertaining to English language will be printed in English only.

NOTE: Difficulty Level will be of Standard 12th(+2Stage)

Syllabus for Hindi Language:

(Three Questions each)	
Sl. No.	Topics
1.	समानार्थी शब्द
2	पर्यायवाची शब्द
3	विलोम शब्द
4	प्रत्यय
5	उपसर्ग
6	सन्धि विच्छेद
7	मुहावरे और लोकोक्तियाँ
8	तत्सम-तद्भव
9	वाक्यांश के लिए एक शब्द
10	शब्द/वाक्य शुद्धि

Syllabus for English Language:

(Two Questions each)	
Sl. No.	Topics
1.	Synonyms/Antonyms
2	Translation into Hindi
3	Suffix/Prefix
4	Phrases/Idioms
5	Arrange the words in proper sequence
6	Pronouns/Verbs/Tenses
7	Articles/Preposition/Conjunctions
8	Adjectives/Adverbs
9	Question Tag
10	Active & Passive voice

STAFF & WELFARE INSPECTOR

Sl No.	Topics	No. of Questions
1.	**Industrial Relations:** Industrial Disputes Act, 1947; Indian Trade Union Act, 1926; Industrial Employment [Standing Orders] Act, 1946.	9 to 11
2.	**Social Security Legislation:** Workmen's Compensation Act, 1923; Employees' Provident Fund Act, 1952; Employees' State Insurance Act, 1948; The Maternity Benefit Act, 1961.	9 to 11
3.	**Law relating to wages:** The Minimum Wages Act, 1948; Payment of Wages Act, 1936; The Payment of Bonus Act, 1965; Payment of Gratuity Act, 1972.	9 to 11
4.	**Legislation affecting Conditions of work:** Indian Factories Act,1948; The Mines Act, 1952.	7 to 10
5.	**Basics of Computers and applications:** Input & output devices;MS Office;	3 to 5
6.	**Right To Information Act - provisions thereof.**	2 to 4
7.	**New Pension Scheme**	1 to 3
	Total	**50**

CHIEF LAW ASSISTANT

Sl No.	Topics	No. of Questions
1.	**Indian Constitution:** Preamble and Salient Features, Fundamental Rights and Duties, Directive Principles of State Policy, Union Legislature, Executive & Judiciary.	3 to 5
2.	**Administrative Law:** Nature and Scope of Administrative Law; Legislative power of the administration; Judicial power of Administration; Judicial control of Administrative action; Corporations and Public undertaking.	2 to 3
3.	**Jurisprudence:** Nature and Concept, Schools of Jurisprudence, Sourcesof Law, Legal Concepts, Legal Persons	3 to 4
4.	**Law of Torts:** General concepts.	2 to 3
5.	**Hindu Law:** Sources, Marriage, Divorce, Maintenance, Adoption, Gift,Succession.	3 to 4
6.	**Code of Civil Procedure:** General; Suits, Execution; Appeals; Reference, Review and Revision; Written Statement, Set-off and Counter-claim; Examination, Discovery, Admissions and Documents Law.	5 to 7
7.	**Bharatiya Nagrik Surakha Sanhita:** Various sections.	2 to 3
8.	**Bharatiya Nyaya Sanhita:** General; Punishments; Abetment, CriminalConspiracy; Offences against the State, Contempt's of the Lawful Authorityof Public Servants, False Evidence; Offences affecting the Human Body and Property.	2 to 3
9.	**Bharitya Sakshya Adhiniyam 2023:** Relevancy of Facts; Facts which need not be proved; Oral Evidence; Documentary Evidence; Burden of Proof; Estoppel; Examination of Witnesses and of the Improper Admission and Rejection of Evidence.	2 to 3
10.	**Indian Contract Act, 1872:** Agreement, Contract and Proposal; Acceptance;Consideration; Capacity to Contract; Factors vitiating Consent; Legality of Object; Performance of Contracts; Breach of contract; Indemnity and Guarantee ; Bailment.	2 to 3
11.	**Limitation Act, 1963:** Preliminary and Limitation of Suits, Appeals and Applications; Period of Limitation; Acquisition of Ownership by Possession and Miscellaneous.	2 to 3
12.	**Specific Relief Act, 1963:** Specific Relief & Preventive Relief.	1 to 2
13.	**Indian Partnership Act, 1932:** Nature of Partnership and Relations of Partners to one another; Relations of Parties to Third Person; Incomingand Outgoing Partners; Dissolution of a Firm; Registration of Firms.	1 to 2
14.	**Arbitration and Conciliation Act, 1996:** Arbitration; Conciliation	2 to 3
15.	**Consumer Protection Act:** General Provisions.	1 to 2
16.	**Protection of Human Rights:** General Provisions.	1 to 2
17.	**Transfer of Property Act:** General, Transfers of Property by Act of Parties; Sales of Immovable Property; Mortgages of Immovable Property and Charges; Lease of Immovable Property; Exchanges; Gifts.	2 to 3
18.	**Right to Information Act:** Obligations of public authorities; Central & Stateinformation commission; Appeals and penalties.	1 to 2
19.	**Company Law:** Formation, Registration and Incorporation of company; Capital Formation; Corporate Administration and Winding up of Companies.	2 to 3
20.	**Labour Laws:** Industrial Disputes Act, 1947; Trade Unions Act, 1926; The Employees State Insurance Act, 1948; The Employees Provident Fund Act,1952; The Maternity Benefit Act, 1961; The Minimum Wages Act, 1948; The Factories Act,1948; Payment of Wages Act, 1936.	3 to 5
	Total	**50**

Annexure-XII

SENIOR PUBLICITY INSPECTOR

Sl No.	Topics	No. of Questions
1.	**Communications**	12 to 15
	Introduction to communication; History of communication; Tools; Fundamentals of communication; Types of communication; Essentials of communication; Theories of communication; Effective principles; Process of communication; Factors affecting process of communication; Forms of communication; Oral Communication.	
2.	**Mass Communication**	12 to 15
	Eras of Mass Communication; Introduction & history of mass communication; Culture & functions of mass communication; Tools of Mass communication; Journalism; Press Codes & Ethics; Elements of mass communication; The Psychology and Sociology of Media Audiences; Models of mass communication; Theories of mass communication; Issues in communication; Mass media and public opinion.	
3.	**Advertising**	10 to 13
	Concept, Functions of Advertising, Factors determining advertising opportunity of a product/service/idea, Types and classification of Advertising Display/ Classified/Trade/Product/Financial/Corporate etc.,Brand Management and Positioning, Creative and Campaign Concepts; Social and Economic Impact of Advertising, Advertising: Ethics, code and Law, Brand equity and advertising.	
	Advertising Agency - Types of agency, Structure, Functions, Roles, &Scope.	
	Agency client relations, Apex organizations: DAVP, INS, ISA, AAAI.	
4.	**Public Relations**	10 to 13
	Public Relations; Development of Public Relations; PR in India; Public Opinion; PR Process; PR for Internal Communication; PR for External Public; Mass Media of Communication; Ethics and PR; Dealing with Media/Functioning of Media; Role of Writing in PR; Emerging Challenges inPR.	
	PR Management - Event Management, Crisis Management, TimeManagement & Stress Management.	
	PR Laws - Code of ethics, PR and Press Council, Defamation, OfficialSecret Act 1923, Copyright Act 1957, Press Registration of Book Act 1867.	
	Contempt of court	
	COMPUTER and its APPLICATIONs (2 to 3 questions)	
5.	Topic and coverage on Social Media like Blogs, Twitter, Youtube etc	3 to 5
	Total	**50**

LAB ASSISTANT GRADE III CHEMIST & METALLURGIST

Sl No.	Topics		No. of Questions
I.	Basic fundamentals of Mechanical Testing i.e. Tensile Testing, Impact Testing, Load Deflection Testing, Bend Test etc.		**4 to 8**
II.	Basic knowledge of various types of Equipments & Machines used in testing.		**3 to 6**
III.	Basic knowledge of materials like Steel, Caste-Iron, Non-ferrous Metals, Rubber, Plastics & Composites.		**6 to 8**
IV.	**a)**	Estimation of C, Mn, Si, S, P, Cr, Ni & Mo & other elements in Steel & Cast Iron & their effects.	**2 to 3**
	b)	Testing of Non-ferrous Metals & Alloys.	**2 to 4**
	c)	Fundamentals of Electroplating & Testing of various Electro-plated coach components.	**2 to 5**
V.	**a)**	Painting Schedule in coaches & Paint defects.	**2 to 4**
	b)	Testing of ROZ Primer, Synthetic Enamels & P.U. Paints.	**2 to 4**
VI.	Testing of Rubber & Rubber products, L.P. Sheets, Wood, Adhesives, PVC, Rexine, Plywood Foam & FRP items.		**3 to 6**
VII.	Oils & Lubricants: Testing of Oils & Lubricants, Grease etc.		**3 to 5**
VIII.	Non-Destructive Testing:		
	a)	Knowledge of X-Rays testing & Gamma Rays Examination of welding and steel castings. Film Developing & fundaments of Radiography.	**2 to 5**
	b)	Principles of Ultrasonic Testing.	**2 to 4**
	c)	Magnaflux & Dye Penetrant Testing.	**2 to 3**
		TOTAL	**50**

PUBLIC PROSECUTOR

Sl No.	Topics	No. of Questions
1.	**Legal Concepts**	**3 to 4**
	Person under law- Natural and legal personality- legal status of animals, unborn and dead person- corporate personality-corporate criminal liability- Concept of property- kinds of property and modes ofacquisition- concept of ownership and possession- concept and kinds of rights- State- it's essential elements and kinds of state.	
2.	**Criminology and Penology**	**3 to 4**
	Crime causation factors- positive school of criminology- Lombroso, Enrico Ferri and Tarde- Crime and Sociology-Poverty and Crime- Differential Association Theory- White Collar Crimes- theories of punishment- reformative and rehabilitative techniques- kinds of punishments under Indian Penal Code-Capital Punishment and its Constitutional validity- prison labour- parole.	
3.	**General Principles of Crime**	**3 to 4**
	Crime and its definition- *actus res*- voluntary act- act caused in negligence- distinction between tort and crime- *mens rea*- its levels under Indian Penal Code- inchoate crimes- common intention- criminal conspiracy- criminal attempt-abetment.	
4.	**General Exceptions under Bharatiya Nyay Sanhita**	**5 to 7**
	Chapter III of the Bharatiya Nyay Sanhita, 2023 - mistake of facts- judicial acts- accidents- acts of infancy and insanity-consent and duress – trifles- private defense- other excusable and justifiable acts- judicial interpretation of general exceptions.	
5.	**Offences against Human Body**	**3 to 4**
	Culpable homicide and murder-causing death by negligence- dowry death and suicide- causing miscarriage- hurt and grievous hurt- acid attack- abduction- offences against modesty of a woman-rape and unnatural offences- Criminal Law Amendment 2013 and its implications- relevant special legislations on sexual abuse against children and sexual harassment of woman at workplace – judicial responses.	
6.	**Offences against Property and Other Offences**	**5 to 7**
	Offence of theft, extortion, robbery and dacoity- criminal misappropriation of property- breach of trust-receiving stolen property- cheating- mischief- criminal trespass- forgery- perjury- offences affecting public nuisance- offences against State- offences against religion and marriage- obscenity.	
7.	**Criminal Justice Administration**	**5 to 7**
	Purpose of criminal justice administration- classes of criminal courts and its jurisdiction in India-public prosecutors and their role- executive magistrates- organization of police and its powers- classification of offences- cognizable and non-cognizable- bailable and non- bailable- victim protectionunder Indian legal system- remedies of appeal, revision and inherent powers of high court- bail and anticipatory bail.	
8.	**Principles of Evidence**	**5 to 7**
	Bharatiya Sakshya Adhiniyam, 2023 - Evidence- relevant facts- admissibility of evidence- concept of burden of proof-confession- confession to police officers- dying declarations- documentary evidence-evidentiary value of public documents- presumptions under evidence law- hearsay rule and exceptions- electronic evidence- expert evidence-identification of person- witnesses and examination of witness- rejection of evidence.	
9.	**Constitutional Rights of the Accused and Arrested**	**5 to 7**
	Accusatorial and inquisitorial system in criminal process- concept of fair trial- fair trial as a constitutional right- socio economic offences and shifting of burden of proof- rights of the accused person- right against self incrimination-examination of the accused and victim under criminal procedure code- scientific test like narco analysis- constitutional validity- right against double jeopardy- constitutional and legal provisions- *ex post facto law* and criminal process- right to privacy and criminal process- right to be forgotten- prisoners rights- right to compensation for arbitrary arrest-preventive detention- free legal aid- legal services authorities.	
10.	**Bharatiya Nagrik Surakha Sanhita:** Various sections.	**5 to 7**
11.	**The Railway Protection Force Act, 1957; The Railway act 1989 and Railway Property (Unlawful Possession) Act, 1966**	**5 to 7**
	Total	**50**

Annexure-XV

SCIENTIFIC ASSISTANT(TRAINING)

Sl No.	Topics	No. of Questions
1.	**Basic Psychological Processes**	**7 to 8**
	Sensation, Perception, Attention, Memory, Learning and Problem Solving, Emotion and Motivation, Nature of Human Abilities, Intelligence, Aptitude and Interest	
2.	**Psychology of Personality**	**5 to 7**
	Concept of Personality, Development and Growth of Personality, Theories of Personality, Techniques of Measurement, Interpretation and Prediction	
3.	**Counselling and Training**	**6 to 8**
	Principles of Counselling, Types of Counselling, Techniques of Counselling, Employee Counselling related to Motivation and Morale, Assessment of Training Needs	
4.	**Research Methodology**	**6 to 8**
	Research Methods, Research Design, Hypothesis, Sampling Techniques, Methods of Data Collection and Analysis, Interpretation of Data and Report Writing	
5.	**Test Construction**	**6 to 8**
	Definition of Psychological Tests, Types of Tests, Construction and Standardization of Psychological Tests, Estimation of Reliability and Validity, Development of Norms	
6.	**Statistical Method in Psychology**	**6 to 8**
	Scale of Measurement, Measures of Central Tendency and Variability, Standard Scores and Normalized Standard Score Distribution, Percentile Ranks, Normal Distribution, Areas Under Normal Curve, Significance of Differences, Correlation and Regression, Analysis of Variance, Hypothesis Testing, Reliability and Validity of Measurement, Test Scales and Norms	
7.	**Applied Psychology**	**6 to 8**
	Individual Differences and Measurement, Assessment of Personality, Psychological Disorders and Mental Health, Attitude, Psychology in Industry and Organization, Psychology in Clinical Settings	
	Total	**50**