

Government of Jammu and Kashmir
Services Selection Board
Hema Complex, Adjacent to Gauri Shanker Mandir,
Sect-3 Channi Himmat, Jammu
(www.jkssb.nic.in)

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NOTICE

J&K Services Selection Board has advertised various posts vide Advertisement Notification No. 04 of 2020 dated: 16.12.2020. Accordingly, the syllabi for various posts that have been advertised vide aforementioned advertisement notification is notified as per the details given in Annexure to this notification. The candidates are also intimated that there shall be negative marking for wrong answers (-0.25 for each wrong answer) attempted in the said examination.

This notice is for the purpose of intimation to the concerned candidates only.

(Sachin Jamwal) KAS,
Secretary
J&K Services Selection Board
Jammu

No. SSB/Secy/Sel/2020/5141-44

Dated: 24.12.2020

Copy to the: -

1. Director Information, J&K Government, Jammu with the request to get the said notification published in at least three leading local newspaper of Jammu/Srinagar for three consecutive dates.
2. Private Secretary to the Chairman, JKSSB for information of the Chairman.
3. I/c Web site.
4. Syllabus file.

Annexure "A"

Subject: Syllabus for Written test (Objective Type) for the post of Accounts Assistant

Marks: 120

Time: 02:00 Hours

General Knowledge with special reference to J&K UT 30 Marks

- i) Popular names of personalities (Religion, Politics, Scientific discoveries, Geographical, Sports, History)
- ii) Centrally Sponsored Schemes- Guidelines and objectives.
- iii) Climate and crops in J&K and India.
- iv) Current events of Local, National and International importance.
- v) Weather, Climate, Crops, Means of Transport.
- vi) J&K History, Economy and Culture
- vii) Flora and Fauna of J&K
- viii) Rivers and Lakes.
- ix) Important Tourist Destinations.
- x) J&K Panchayati Raj Act, 1989 (as amended upto December, 2020), 73rd & 74th Constitutional amendments.
- xi) J&K Reorganisation Act, 2019

Mathematics/ Statistics 10 Marks

- i) Theory of Probability.
- ii) Tabulation and compilation of data.
- iii) Methods of collecting primary and secondary data.
- iv) Theory of Attributes- Basic concept and their applications.
- v) Sampling and Non Sampling errors.
- vi) Analysis of Time Series components.
- vii) Demography- Census, its feature and functions.
- viii) Vital Statistics- Measures of fertility, Measures of Mortality, specific fertility rates, gross and net reproduction rates.
- ix) Set Theory- Basic Concepts and Applications.
- x) Matrices & Determinants, simultaneous Linear Equations.
- xi) Analytical Geometry.

General Economics 20 Marks

- i) Introduction of Economics- Basic concept and Principles.

- ii) Gross Domestic Product (GDP) and Budgeting including own resource generation and budgeting for Panchayat.
- iii) Fiscal Policy, Meaning, Scope and Methodology.
- iv) Growth and development: - Meaning, Scope, Difference & Relevance.
- v) Inflation; Meaning, Types, Effects
- vi) Production, cost and efficiency.
- vii) Factors of production and laws.
- viii) Demand analysis.
- ix) Theory of Consumers demand using in difference curve technique.
- x) Pricing under various forms of Markets.
- xi) Concept of Gram Panchayat Development Plan (GPDP)

Knowledge of Computer Applications

20 Marks

- i) Introduction and Objectives.
- ii) Basic Applications of Computer and its component.
- iii) Bringing computer to life.
- iv) Fundamentals of computer sciences.
- v) Hardware & Software, Concept of Open Source Technologies.
- vi) Input & output Devices.
- vii) Knowledge of MS Word, MS Excel, MS Access, MS Powerpoint, PDF Internet and E-mail.
- viii) Concept of Computer Virus and Latest Anti-Virus.
- ix) Terms and Abbreviation used in IT.

Accountancy and Book Keeping

20 Marks

- i) Introduction to Financial Accounting and its terms.
- ii) Accounting equation and Journal.
- iii) Voucher Approach in Accounting.
- iv) Bank reconciliation Statement.
- v) Financial Management/Statements.
- vi) Partnership Accounts.
- vii) Ledger Accounts.
- viii) Cash Book, Financial Audit.
- ix) Elements of Double entry Book Keeping.
- x) Rules for journalizing.
- xi) Trial Balance.
- xii) Trading Account.
- xiii) Profit Loss Account and Balance Sheet.

- xiv) Concept of Social Accounting, Social Audit and cash based single entry system of accounting.
- xv) Public Financial Management System (PFMS).

Science

20 Marks

- i) Biology- Important Inventions and their inventor; Important and Interesting facts about human body parts; Nutrition in Animals and Plants; diseases and their causes like bacteria; Viruses and Protozoa.
- ii) Chemistry- Chemical Properties of Substance and their uses; Chemical name of Important substances like Plaster of Paris etc.; Chemical Change and Physical Change; Properties of Gases; surface Chemistry; Chemistry in Everyday life.
- iii) Physics- Important inventions and their inventor; S.I Units; Motion; Sound; light; Wave; energy; Electricity.

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Annexure "B"

Subject: Syllabus for written test (Objective Type) for Graduate Level posts –
Sub inspector (Finance)

Marks: 120

Time: 02.00 Hrs.

GENERAL ENGLISH

20 Marks

- (i) Tenses
- (ii) Rearranging of jumbled sentences.
- (iii) Narration
- (iv) Models
- (v) Articles
- (vi) Comprehension with blanks to be filled in with
 - i. Phrases
 - ii. Pronouns
 - iii. Homonyms / homophones.
- (vii) Clauses
- (viii) Synonyms and antonyms
- (ix) Pairs of words and their use in meaningful sentences.
- (x) Idioms and phrases.
- (xi) Uses of Prepositions.
- (xii) Active & Passive Voice

GENERAL KNOWLEDGE AND CURRENT AFFAIRS

20 Marks

- (i) Indian History with special reference to Freedom struggle
- (ii) First in world (Adventure, Sports, Discoveries)
- (iii) First in India (Adventure, Sports, Discoveries)
- (iv) Popular Personalities (Politics, Scientific discoveries, Geographical, Sports, History)
- (v) The Newspaper world – (Current Dailies & Weeklies of India)
- (vi) Languages & Culture
- (vii) International Organisations- UNO, WHO, WTO, IMF, UNESCO, UNCTAD etc.
- (viii) Important Regional Organizations and Blocs- BRICS, OPEC, ASEAN, SAARC, BIMSTEC, G-20, G-7 etc.
- (ix) Sustainable Development Goals
- (x) Communicable Diseases- cure and prevention

- (xi) NCDC- COVID-19 - SOPs, Advisories, Guidelines etc
- (xii) World famous Awards
- (xiii) The world of Sports
- (xiv) Climate & Crops in India
- (xv) Political & Physical divisions of world & India
- (xvi) Important Rivers & Lakes in India
- (xvii) Current Events of National and International importance
- (xviii) Agriculture in economic development; Industrialization and economic development.
- (xix) Foreign Trade & Balance of payments
- (xx) New economic reforms
- (xxi) Inflation, Monetary Policy, Fiscal Policy, Capital Markets, Role of RBI, Taxation in India- Direct & Indirect Tax - CBDT, GST etc.
- (xxii) India's Atomic Research Programme,
- (xxiii) Thermal / Nuclear/ Hydro Power Plants in India.

GENERAL KNOWLEDGE WITH SPECIAL REFERENCE TO UT of J&K

20 Marks

- (i) Popular names of personalities and their achievements/ Contribution (National and International).
- (ii) Weather, Climate, Crops, Means of Transport.
- (iii) J&K History, Economy and Culture
- (iv) Flora and Fauna of J&K
- (v) Rivers and Lakes.
- (vi) Important Tourist Destinations.
- (vii) J&K Panchayati Raj Act, 1989 (as amended upto December, 2020), 73rd & 74th Constitutional amendments.
- (viii) J&K Reorganisation Act, 2019

GENERAL SCIENCE

20 Marks

- (i) Various sources of energy; conventional sources of energy; improvement in technology for using conventional source of energy (Biomass and wind energy)
- (ii) Non-conventional sources of energy (Solar energy, Tidal energy).
- (iii) Mechanics, Rest, motion, Velocities, acceleration, Newton Laws of motion,
- (iv) Voltage, Current, Resistance, Power, D.C Batteries
- (v) Waves, light as a wave, Sound waves, Transverse and longitudinal waves.
- (vi) Structure of Atom
- (vii) Solids, Liquids and Gases(Basics)

- (viii) Life processes: Nutrition and its types, Respiration, Transportation of water, food and minerals in plants.
- (ix) Vitamins- Diseases related to vitamin deficiency.
- (x) Environmental pollution.
- (xi) Ecosystem – Its components, Food chains and Food webs.
- (xii) Ozone layer, its depletion, Green House Effect.
- (xiii) Importance of water in life

MENTAL ABILITY TEST

20 Marks

- (i) Number series.
- (ii) Letter series.
- (iii) Coding decoding.
- (iv) Direction sense.
- (v) Blood relations.
- (vi) Mathematical reasoning.
- (vii) Speed, Distance and Time.
- (viii) Statements and conclusions.
- (ix) Logical Reasoning.
- (x) Mental Reasoning.

COMPUTER APPLICATIONS

20 Marks

- (i) Fundamentals of computer sciences
- (ii) Hardware & Software
- (iii) Input and output devices
- (iv) Operating system
- (v) M.S Word, M.S Excel, M.S Access and Powerpoint Presentation
- (vi) E_mail & Internet

(Sachin Jamwal), KAS,
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Annexure C

Subject: Syllabus for written test (Objective Type) for 10+2 Level posts –
Assistant Compiler (Finance Department)

Marks: 120

Time: 02.00 Hrs.

GENERAL ENGLISH

15 Marks

- (i) Paragraph writing / Comprehension
- (ii) Editing / Proof Reading.
- (iii) Rearranging of jumbled sentences
- (iv) Dialogue
- (v) Narration
- (vi) Models
- (vii) Articles
- (viii) Paragraph writing with blanks to be filled in with the following
 - i. Phrases
 - ii. Pronouns
 - iii. Homonyms / homophones.
- (ix) Clauses
- (x) Punctuation
- (xi) Synonyms and antonyms
- (xii) Pairs of words and their use in meaningful sentences.
- (xiii) Idioms and phrases.
- (xiv) Uses of Prepositions

MATHEMATICS

15 Marks

- (i) Problems on finding Surface areas and volumes of combinations of any two of the given cubes, cuboids, spheres, hemispheres and right circular cylinders / cones. Frustum of a cone.
- (ii) Problems involving converting one type of metallic solid into another and other mixed problems.
- (iii) Profit and loss
- (iv) Simple / Compound interest.
- (v) Linear equations with two variables.
- (vi) Progression / BODMAS
- (vii) Probability: Simple problems on Single event.

HISTORY

15 Marks

- (i) Revolt of 1857 - Causes and Effects.
- (ii) Rise of National Movement - Factors.
- (iii) Formation of the Indian National Congress in 1885 and Role of Moderates.

- (iv) Factors leading to the rise of Extremism in the Congress with special reference to the Partition of Bengal.
- (v) Important dates and historical events with reference to India
- (vi) Boycott and Swadeshi Movement.
- (vii) Rise of Muslim League in 1906 : Cause.
- (viii) Khilafat Movement and the Non-Cooperation Movement.
- (ix) Quit India Movement.
- (x) Independence and Partition of India.

CIVICS

15 Marks

- (i) Origin of democracy and its types. Direct and Indirect Democracy, Hindrance to Democracy
- (ii) Fundamental Rights.
- (iii) Fundamental duties.
- (iv) Directive Principles.
- (v) Public opinion.
- (vi) Representaion.
- (vii) Franchise.
- (viii) Secret Ballot.
- (ix) Nomination.
- (x) Symbol.
- (xi) The Campaign
- (xii) Presidential elections.
- (xiii) Languages
- (xiv) Cities and Villages.
- (xv) The United Nations.

GEOGRAPHY

15 Marks

- (i) Change of Seasons/ Planets/ Solar System/ Longitude - Latitude. Types of forests (with special reference of UT of J&K)
- (ii) Conservation and protection of forests.
- (iii) National / Zoological Parks and wildlife sanctuaries (Reference of J&K Sanctuaries and National Parks).
- (iv) Water resources. Sources of Water (with special reference of UT of J&K)
- (v) Resources. Conservation and management of water resources.
- (vi) Rainwater Harvesting.
- (vii) Roads (Different routes of UT of J&K)

GENERAL KNOWLEDGE AND CURRENT AFFAIRS

20 Marks

- (i) Abbreviations
- (ii) Popular Personalities
- (iii) Geographical Discoveries
- (iv) Principal Languages of India

- (v) Capitals and Currencies of Countries
- (vi) International Organisations- UNO, WHO, WTO, IMF, UNESCO, UNCTAD etc.
- (vii) Important Regional Organizations and Blocs- BRICS, OPEC, ASEAN, SAARC, BIMSTEC, G-20, G-7 etc.
- (viii) Space Programme of India
- (ix) India's Atomic Research Programme
- (x) Honours and Prizes, Seven Wonders.
- (xi) The World of Sports
- (xii) Exports and Imports
- (xiii) GDP, GNP, Per capita Income etc
- (xiv) Thermal / Nuclear/ Hydro Power Plants in India.

GENERAL KNOWLEDGE WITH SPECIAL REFERENCE to UT of J&K

15 Marks

- (i) Popular names of personalities and their achievements/ Contribution (National and International).
- (ii) Weather, Climate, Crops, Means of Transport.
- (iii) J&K History, Economy and Culture
- (iv) Flora and Fauna of J&K
- (v) Rivers and Lakes.
- (vi) Important Tourist Destinations.
- (vii) J&K Panchayati Raj Act, 1989 (as amended upto December, 2020), 73rd & 74th Constitutional amendments.
- (viii) J&K Reorganisation Act, 2019

MENTAL ABILITY TEST

10 Marks

- (i) Number series
- (ii) Letter series
- (iii) Coding decoding
- (iv) Direction sense
- (v) Blood relations
- (vi) Mathematical reasoning
- (vii) Speed, Distance and Time
- (viii) Statements and conclusions.

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Annexure "D"

Subject: Syllabus for Written Test (Objective Type) Jr. Scale
Stenographer/ Jr Stenographer/ Jr Assistant

Marks: 80

Time: 80 Minutes

ENGLISH/GENERAL AWARENESS: 20 MARKS

- (i) Tenses
- (ii) Rearranging of jumbled sentences.
- (iii) Narration
- (iv) Models
- (v) Articles
- (vi) Comprehension with blanks to be filled in with
 - i. Phrases
 - ii. Pronouns
 - iii. Homonyms / homophones.
- (vii) Clauses
- (viii) Synonyms and antonyms
- (ix) Pairs of words and their use in meaningful sentences.
- (x) Idioms and phrases.
- (xi) Uses of Prepositions.
- (xii) Active & Passive Voice

NUMERICAL AND REASONING ABILITY 40 MARKS

Basic Arithmetic:

- (i) Number System
- (ii) Percentage,
- (iii) Average,
- (iv) Profit & Loss,
- (v) Ratio & Proportion,
- (vi) Time & Work etc

Reasoning:

- (i) Number series
- (ii) Letter series
- (iii) Coding decoding
- (iv) Direction sense
- (v) Blood relations
- (vi) Mathematical reasoning
- (vii) Speed, Distance and Time
- (viii) Statements and conclusions.

- (i) Computer terminology
- (ii) Hardware and Software
- (iii) Storage and Operating systems
- (iv) Safety and Security
- (v) E-mail and Internet Usage

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Annexure "E"

Subject: Syllabus for Written test (Objective Type) for the post of
Junior Statistical Assistant

Marks:-120

Time: - 2.00 Hours

GENERAL KNOWLEDGE AND CURRENT AFFAIRS

15 MARKS

- (i) Indian History with special reference to Freedom struggle
- (ii) Languages & Culture
- (iii) International Organisations- UNO, WHO, WTO, IMF, UNESCO, UNCTAD etc.
- (iv) Important Regional Organizations and Blocs- BRICS, OPEC, ASEAN, SAARC, BIMSTEC, G-20, G-7 etc.
- (v) Sustainable Development Goals
- (vi) Communicable Diseases- cure and prevention
- (vii) NCDC- COVID-19 - SOPs, Advisories, Guidelines etc
- (viii) World famous Awards
- (ix) The world of Sports
- (x) Climate & Crops in India
- (xi) Political & Physical divisions of world & India
- (xii) Important Rivers & Lakes in India
- (xiii) Current Events of National and International importance

GENERAL KNOWLEDGE WITH SPECIAL REFERENCE TO UT of J&K

10 Marks

- (i) Popular names of personalities and their achievements/ Contribution (National and International).
- (ii) Weather, Climate, Crops, Means of Transport.
- (iii) J&K History, Economy and Culture
- (iv) Flora and Fauna of J&K
- (v) Rivers and Lakes.
- (vi) Important Tourist Destinations.
- (vii) J&K Panchayati Raj Act, 1989 (as amended upto December, 2020), 73rd & 74th Constitutional amendments.
- (viii) J&K Reorganisation Act, 2019

STATISTICAL METHODS & APPLIED STATISTICS

25 MARKS

- (i) Primary and secondary data.
- (ii) Methods of collecting Primary and Secondary Data
- (iii) Preparation of questionnaires
- (iv) Tabulation and compilation of Data
- (v) Measures of central Tendency
- (vi) Theory of Probability
- (vii) Correlation and regression- Concept and simple applications.
- (viii) Theory of Attributes- Basic concepts and their applications.

- (ix) Theory of Index Numbers: Tests of Index numbers- Wholesale and consumer price Index numbers.
- (x) Demography-Census, its features and functions.
- (xi) Vital Statistics- Measures of fertility, Crude fertility rates, specific fertility rates, gross and net reproduction rates., Measures of Mortality
- (xii) Interpolation & Extrapolation.

GENERAL ECONOMICS

25 MARKS

- (i) Meaning and scope of Economics; Methodology of Economic Analysis.
- (ii) Utility, Supply, Demand and Elasticity of Demand, Commodity Value, Market.
- (iii) Theory of Consumer Demand and Demand Analysis.
- (iv) Factors of Production and Laws of Production.
- (v) Pricing and Market Structures.
- (vi) Production Theory and Costs.
- (vii) Concept of Economic Growth of Development; Theories of Growth of Development.
- (viii) Determination of National Income.
- (ix) Public Finance; Revenue, Public Expenditure, Public Debt, Deficit Financing.
- (x) Foreign Trade & Balance of payments.
- (xi) Money & Inflation.
- (xii) Banking and Monetary Policy.
- (xiii) Money & Capital Markets.
- (xiv) Agriculture & economic development; Industrialization and economic development.
- (xv) Planning versus Market Economy.
- (xvi) Green Revolution in India, Poverty/ Unemployment, Role of Agriculture.
- (xvii) Economic Reforms in India.

COMPUTER APPLICATIONS

15 MARKS

- (i) Fundamentals of computer sciences,
- (ii) Hardware & Software, Concept of Open Source Technologies
- (iii) Input & Output Devices,
- (iv) Flow Charts and Algorithms
- (v) Operating System:- MS Word, MS Excel, MS Access, MS Power-Pont ,PDF
- (vi) Internet & E-mail
- (vii) Concept of Computer Virus & latest Anti-Virus.
- (viii) Data Communication and Networking
- (ix) Introduction to Database Management

INFORMATION TECHNOLOGY

15 MARKS

- (i) Information concept & Processing
- (ii) Computer Appreciation
- (iii) Elements of Computers Processing System Hardware CPU, Peripherals, Storage Media, Software Definition, Role and Categories Firmware and Human-ware.

- (iv) Computer & Communication.
- (v) Programming Language Classification
- (vi) Information Technology Applications of India
- (vii) Representation of Information.
- (viii) Basic Electronics- Semiconductor Diodes, Operational Amplifiers, Bipolar Junction Transistor etc

MATHEMATICS

15 MARKS

- (i) Set Theory - Basic Concepts & Applications.
- (ii) Matrices & Determinants, Simultaneous Linear Equations- Cramer's Rule.
- (iii) Analytical Geometry.
- (iv) Differentiation- Basic Concepts (Addition, Product & Chain Rule)
- (v) Integration-Reduction & Substitution Method.
- (vi) Differential Equations.

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Annexure "F"

Subject: Syllabus for Written Test (Objective Type) for - Motor Vehicle Inspector / Sub Motor Vehicle Inspector / Assistant Motor Vehicle Inspector

Total Marks=120

Time=02 Hours

GENERAL ENGLISH

10 Marks

- (i) Tenses
- (ii) Rearranging of jumbled sentences.
- (iii) Narration
- (iv) Models
- (v) Articles
- (vi) Comprehension with blanks to be filled in with
 - i. Phrases
 - ii. Pronouns
 - iii. Homonyms / homophones.
- (vii) Clauses
- (viii) Synonyms and antonyms
- (ix) Pairs of words and their use in meaningful sentences.
- (x) Idioms and phrases.
- (xi) Uses of Prepositions.
- (xii) Active & Passive Voice

VEHICLE MAINTENANCE

10 Marks

- (i) First Aid
- (ii) Fire hazard
- (iii) Vehicle maintenance
- (iv) Motor vehicle laws in India & JK UT.
- (v) Pollution standards
- (vi) Road safety rules

BASIC COURSES IN ENGINEERING / TECHNOLOGY

20 Marks

- (i) Applied Mechanics
- (ii) Engineering Drawing
- (iii) Elements of Mechanical Engineering
- (iv) Fundamentals of Thermal Engineering
- (v) Hydraulic and Hydraulic Mechanic

APPLIED COURSES IN ENGINEERING / TECHNOLOGY

40 Marks

- (i) Auto Engineering Drawing
- (ii) Auto Engine
- (iii) Automotive Materials

- (iv) Chasis, Body and Transmission
- (v) MVA and Transport Management
- (vi) Automotive Emission Control
- (vii) Applied thermodynamics
- (viii) CADD
- (ix) Theory of Machines
- (x) CNC machines
- (xi) Metrology and quality control
- (xii) Maintenance

MECHANICAL ENGINEERING

20 Marks

- (i) Transmission of Power
- (ii) Internal combustion Engines
- (iii) Refrigeration and Air Conditioning Systems
- (iv) Hydraulics

ELECTRICAL ENGINEERING

20 Marks

- (i) Fundamental Dynamics Engineering Graphics & Coputer Modelling
- (ii) Mechanics of Materials – I & II
- (iii) Theory of Machines – I & II
- (iv) Applied Thermodynamic-I & II
- (v) Theory of Machines – I & II
- (vi) Hydraulic Machinery
- (vii) Measurement and Instrumentation

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Annexure "G"

Subject: Syllabus for Written Test (Objective Type) for Driver/Driver Grade II

Total Marks=100

Time=02 Hours

BASIC ENGLISH 20 Marks

- (i) Articles
- (ii) Synonyms
- (iii) Antonyms
- (iv) Preposition
- (v) Verbs
- (vi) Reading comprehension
- (vii) Determiners
- (viii) Spellings
- (ix) Sentences

GENERAL AWARENESS 20 Marks

- (i) Current events of National importance
- (ii) History, Economy, Culture & Geography of India
- (iii) Honours and Awards
- (iv) The World of Sports
- (v) Popular Personalities
- (vi) Geographical Discoveries
- (vii) Principal Languages of India
- (viii) Capitals and Currencies of Countries
- (ix) History, Geography, Culture and Economy of UT of Jammu and Kashmir

BASIC MATHEMATICS 20 Marks

- (i) Percentage
- (ii) Average
- (iii) Time, Work and Distance
- (iv) Ratio and Proportions
- (v) Problem of Age
- (vi) Probability
- (vii) LCM, HCF
- (viii) Mensuration

BASIC SCIENCE 20 Marks

- (i) Sources of energy; Conventional & Non-Conventional

- (ii) Health, Hygiene and Sanitation
- (iii) Environmental pollution
- (iv) Nutrition, Respiration, Excretion etc
- (v) Communicable & Non-Communicable Diseases.
- (vi) Ecosystem – Its components, Food chains and Food webs.
- (vii) Ozone layer, its depletion, Green House Effect.
- (viii) Importance of water in life

BASIC REASONING

20 Marks

- (i) Analogies
- (ii) Relationship concepts
- (iii) Figure odd one out
- (iv) Direct Sense
- (v) Figure Series completion
- (vi) Venn Diagram
- (vii) Number series
- (viii) Coding/Decoding

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Annexure "H"

Subject: Syllabus for Written Test (Objective Type) for Matric level posts-Supervisor.

Total Marks=100

Time=02 Hours

BASIC ENGLISH

20 Marks

- (i) Articles
- (ii) Synonyms
- (iii) Antonyms
- (iv) Preposition
- (v) Verbs
- (vi) Reading comprehension
- (vii) Determiners
- (viii) Spellings
- (ix) Sentences

GENERAL AWARENESS

20 Marks

- (i) Current events of National importance
- (ii) History, Economy, Culture & Geography of India
- (iii) Honours and Awards
- (iv) The World of Sports
- (v) Popular Personalities
- (vi) Geographical Discoveries
- (vii) Principal Languages of India
- (viii) Capitals and Currencies of Countries
- (ix) History, Geography, Culture and Economy of UT of Jammu and Kashmir

BASIC MATHEMATICS

20 Marks

- (i) Percentage
- (ii) Average
- (iii) Time, Work and Distance
- (iv) Ratio and Proportions
- (v) Problem of Age
- (vi) Probability
- (vii) LCM, HCF
- (viii) Mensuration

- (i) Sources of energy; Conventional & Non-Conventional
- (ii) Health, Hygiene and Sanitation
- (iii) Environmental pollution
- (iv) Nutrition, Respiration, Excretion etc
- (v) Communicable & Non-Communicable Diseases.
- (vi) Ecosystem – Its components, Food chains and Food webs.
- (vii) Ozone layer, its depletion, Green House Effect.
- (viii) Importance of water in life

- (i) Analogies
- (ii) Relationship concepts
- (iii) Figure odd one out
- (iv) Direct Sense
- (v) Figure Series completion
- (vi) Venn Diagram
- (vii) Number series
- (viii) Coding/Decoding

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