



Government of Jammu and Kashmir
J&K Services Selection Board Jammu
(www.jkssb.nic.in)

Sub: **Revised/ Updated Syllabus for Multiple Choice Objective Type written test for the post of Junior Assistant (District/ Divisional/ State Cadre).**

Unit-I

10 marks

(A) General English

- (I) Paragraph writing/ Objective Comprehensions.
- (II) Report Comprehension
- (III) Spotting errors
- (IV) Sentence completion
- (V) Sentencfillers

(B) Grammer

- (I) One word substitution-using a single word for a group of words.
- (II) Synonyms and antonyms
- (III) Pairs of words and their use in meaningful sentences.
- (IV) Idioms and phrases.
- (V) Re-arranging of jumbled sentences.
- (VI) Narration.
- (VII) Punctuation.
- (VIII) Tenses, Model/ Articles- Use in Sentences.

Unit-II

10 marks

Mathematics

- (i) Problems on finding Surface areas and volumes of combinations of any two of the following 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.

Unit-III

History.

10 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) Boycott and Swadeshi Movement.
- (vi) Rise of Muslim League in 1906 : Cause.
- (vii) Khilafat Movement and the Non-Cooperation Movement.
- (viii) From Swaraj to the Independence Movement.
- (ix) Civil Disobedience Movement.
- (x) Quit India Movement.
- (xi) Independence and Partition of India.

Unit-IV

Civics.

10 marks

- (i) Origin of democracy.
- (ii) Types.
- (iii) Direct democracy.
- (iv) Indirect democracy.
- (v) Hindrance to democracy.
- (vi) Public opinion.
- (vii) Representaion.
- (viii) Franchise.
- (ix) Secret Ballot.
- (x) Candidates.
- (xi) Nomination.
- (xii) Symbol.
- (xiii) The Campaign
- (xiv) The majority.
- (xv) Presidential elections.
- (xvi) Languages
- (xvii) Cities and Villages.
- (xviii) Casteism and Untouchability.
- (xix) The United Nations.
- (xx) India's relations with her Neighbours.

Unit-V

Geography

10 marks

- (i) Types of forests (with special reference of J&K State)
- (ii) Conservation and protection of forests.
- (iii) National Parks and wildlife sanctuaries (Refernce of J&K Sanctuaries and National Parks)
- (iv) Conservation of wildlife.

- (v) Water resources.
- (vi) Sources of Water (with special reference of J&K State)
- (vii) Uses of water resources.
- (viii) Multipurpose River Valley projects with special reference of J&K State)
- (ix) Distribution of irrigated Areas.
- (x) Growing need of water.
- (xi) Conservation and management of water resources.
- (xii) Watershed development.
- (xiii) Rainwater Harvesting.
- (xiv) Transport.
- (xv) Roads (Different routes of J&K State)

Unit-VI

10 marks

General Science.

- (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, Energy from sea).
- (iii) Nuclear energy (Nuclear fusion and nuclear fission)
- (iv) Lasting of energy sources.
- (v) Physical properties of metals and non-metals.
- (vi) Chemical properties of metals like action of water, air, acids, salts; Reactivity series of metals.
- (vii) Cause of reactivity of metals and non-metals. Properties of Ionic compounds.
- (viii) Occurance of metals; their extraction, enrichment of ores. Extraction of metals in accordance with activity series; refining of metals.
- (ix) Corrosion of metals and its prevention.
- (x) What are life processes?
- (xi) Nutrition- Autotrophic Nutrition, Heterotrophic Nutrition. How do animals obtain their nutrition? Nutrition in Human beings.
- (xii) Respiration.
- (xiii) Transportation : Transportation in Plants.
- (xiv) Excretion : Excretion in Human beings, Excretion in Plants.
- (xv) What happens when we add our waste to the Environment.
- (xvi) Ecosystem – What are its components? Food chains and Webs.
- (xvii) How do our activities effect the environment? Ozone layer and how it is getting depleted. Managing the garbage we produce.

Unit-VII

10 marks

General Knowledge and Current Affairs

Abbreviations, Important Dates, First in World, First in India, Popular Names of Personalities, The Newspaper World, Geographical Discoveries, Books and Authors, Principal Languages of India, Capitals and Currencies of Countries, United Nations Organisation, Members of United Nations Organisation (UNO), Other International Organisations and Groups, Space Programme of India, India's Automatic Research, Awards, Honours and Prizes, The World of Sports, Climate and Crops, Democracy and Democratic Institutions, Seven Wonders. Revolt of 1857-Causes and Effects, Rise of National Movement-Factors, Boycott and Swadeshi Movement, Khilafat Movement and the Non-Cooperation Movement, Civil Disobedience Movement, Quit India Movement, Independence and Partition of India, Origin of democracy, Franchise, Secret Ballot, Candidates, Nomination, Symbol, The Campaign, The majority, Presidential elections, Languages, Cities and Villages, Water resources, Sources of Water (with special reference of J&K State), Uses of Water resources.

Unit-VIII

10 marks

General Knowledge with special reference to J&K.

- (I) Abbreviations, Important dates, popular names of personalities and their achievements/ contribution.
- (II) Constitution of J&K.
- (III) Centre-State relationship.
- (IV) Weather, Climate, Crops, Means of Transport.
- (V) Important projects and their impact on State Economy.
- (VI) Rivers and Lakes.
- (VII) Important Tourist Destinations.
- (VIII) History of J&K State.
- (IX) Historical places of the State and their importance.

Unit-IX

20 marks

Computer fundamentals.

A) Introduction to Computers:-

Characteristics of Computer, Use of Computers, computer hardware and software, relationship between software and hardware, types of software, Input and output devices

B) M.S Word Basics:-

Introduction, objective, system requirements, working with M.S word, MS word screen, creating a document, moving around a document, file

operations, saving a file, creating a new file, opening a file, editing the text, formatting the text, text border.

C) Data communication and Networking:-

Introduction to networks with special reference to E-mail and INTERNET, Advantages and disadvantages of networking types - email, internet, Internet and Websites.

D) Formatting worksheets:-

Working with fonts applying font formats, changing the default workbook font, tools for setting fonts, adding cell border, tools for applying Borders, applying pattern and colors, alignment.

NOTE:- For Units II to VIII, the questions will be of Matric Standard.



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Sub: **Syllabus for Multiple choice objective type written test for the posts of Teacher (District Cadre)**

Unit-I

10 marks

General English

- (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 Phrases, Pronouns, Homonyms/ homophones, Tenses.
- (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

Unit-II

10 marks

Mathematics

- (i) Problems on finding Surface areas and volumes of combinations of any two of the following 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

Unit-III

History.

10 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) From Swaraj to the Independence Movement.
- (x) Civil Disobedience Movement.
- (xi) Quit India Movement.
- (xii) Independence and Partition of India.

Unit-IV Civics.

10 marks

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

Unit-V Geography

10 marks

- (i) Change of Seasons/ Planets/ Solar System/ Longitude-Latitude.
Types of forests (with special reference of J&K State)
- (ii) Conservation and protection of forests.
- (iii) National Parks and wildlife sanctuaries (Reference of J&K Sanctuaries and National Parks)
- (iv) Water resources.
- (v) Sources of Water (with special reference of J&K State)

- (vi) Uses of water resources.
- (vii) Conservation and management of water resources.
- (viii) Rainwater Harvesting.
- (ix) Transport.
- (x) Roads (Different routes of J&K State)

Unit-VI
General Science.

10 marks

- (i) Gravitation/ Heat/ Light/ Matter/ Acids/ Salts/ Elements/ Cells.
- (ii) Various sources of energy; conventional sources of energy; improvement in technology for using conventional source of energy (Biomass and wind energy)
- (iii) Non-conventional sources of energy (Solar energy, Energy from sea).
- (iv) Physical properties of metals and non-metals.
- (v) Chemical properties of metals like action of water, air, acids, salts; Reactivity series of metals.
- (vi) Occurrence of metals; their extraction, enrichment of ores. Extraction of metals in accordance with activity series; refining of metals.
- (vii) What are life processes?
- (viii) Nutrition- Autotrophic Nutrition, Heterotrophic Nutrition. How do animals obtain their nutrition? Nutrition in Human beings.
- (ix) Respiration.
- (x) Transportation : Transportation in Plants.
- (xi) Excretion : Excretion in Human beings, Excretion in Plants.
- (xii) What happens when we add our waste to the Environment.
- (xiii) Ecosystem – What are its components? Food chains and Webs.
- (xiv) How do our activities effect the environment? Ozone layer and how it is getting depleted. Managing the garbage we produce.

Unit-VII

10 marks

General Knowledge and Current Affairs

Abbreviations, Important Dates, First in World, First in India, Popular Personalities, Geographical Discoveries, Books and Authors, Principal Languages of India, Capitals and Currencies of Countries, United Nations Organisation, Members of United Nations Organisation (UNO), Other International Organisations and Groups, Space Programme of India, India's Automatic Research, Awards, Honours and Prizes, The World of Sports, Climate and Crops, Democracy and Democratic Institutions, Seven Wonders.

Revolt of 1857-Causes and Effects, Rise of National Movement-Factors, Boycott and Swadeshi Movement, Khilafat Movement and the Non-Cooperation Movement, Civil Disobedience Movement, Quit India Movement, Independence and Partition of India, Origin of democracy, Franchise, Secret Ballot, Candidates, Nomination, Symbol, The Campaign, The majority, Presidential elections, Languages, Cities and Villages, Water resources, Sources of Water (with special reference of J&K State), Uses of Water resources.

Unit-VIII

10 marks

General Knowledge with special reference to J&K.

- (I) Abbreviations, Important dates, popular names of personalities and their achievements/ contribution.
- (II) Constitution of J&K.

- (III) Centre-State relationship.
- (IV) Weather, Climate, Crops, Means of Transport.
- (V) Important projects and their impact on State Economy.
- (VI) Rivers and Lakes.
- (VII) Important Tourist Destinations.
- (VIII) History of J&K State/ Historical places and their importance.

Unit-IX

20 marks

Professional Subjects (B.Ed/ M.Ed)

- (I) Meaning/ definition of Education.
- (II) Development of Educational System in India in light of various Commissions and Committees.
- (III) Curriculum Development.
 - (a) Learner as the basis of Education.
 - (b) Society as the basis of Education
- (IV) Educational Technology.
 - (a) Principles of Teaching.
 - (b) Role of I.C.T in Education
 - (c) Methods and Models of Teaching.
 - (d) Blooms Taxonomy of Instructional objectives.
- (V) Current trends in Education System.
 - (a) Population Education.
 - (b) Special Education.
 - (c) Environmental Education.
 - (d) Computer Education.
 - (e) Value Education.

- (VI) Psychological Development of Education
 - (a) Learning Process.
 - (b) Personality Development.
 - (c) Adolescent Stage.
- (VII) Meaning of Comperative Education and its development with particular reference to India and USA
- (VIII) Changing Role of Teacher
 - (a) Professional Development.
 - (b) Personality Development.

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Secretary
Services Selection Board
Jammu