

TALENT SEARCH EXAMINATION 2022-23

SCIENCE		
LP	UP	HS
Human body (Organs, Body parts, Blood, Glands etc.)	Human body (Organs, Body parts, Blood, Glands etc.)	Human body (Organs, Body parts, Blood, Glands etc.)
Health and Nutrition (Compounds of food, Diseases)	Health and Nutrition (Compounds of food, Diseases)	Health and Nutrition (Compounds of food, Diseases)
Seasons and Natural disasters (Types of seasons, Natural phenomenon such as Flood, Earthquake, Tsunami, Soil erosion etc.)	Seasons and Natural disasters (Types of seasons, Natural phenomenon such as Flood, Earthquake, Tsunami, Soil erosion etc.)	Seasons and Natural disasters (Types of seasons, Natural phenomenon such as Flood, Earthquake, Tsunami, Soil erosion etc.)
Discoveries (Famous discoveries)	Discoveries (Famous discoveries)	Discoveries (Famous discoveries)
Measurements and Units (Length, Volume, Capacity)	Measurements and Units (Length, Volume, Capacity)	Measurements and Units
Studies, Scientists (Famous scientists and studies)	Studies, Scientists (Famous scientists and studies)	Studies, Scientists (Famous scientists and studies)
Days, Awards (Science related days , Nobel prize)	Days, Awards (Science related days ,Nobel prize)	Days, Awards (Science related days , Nobel prize)
Diseases(Common diseases like Nipah,Covid,Aids etc.)	Diseases(Common diseases like Nipah,Covid,Aids etc.)	Diseases(Common diseases like Nipah,Covid,Aids etc)
Solar system(Sun,Moon,Planets)	Basics of periodic table (Common elements and its properties)	Basics of period table(Common elements and its properties)
Plants(Parts of plants, Flowers, Seeds)	Biodiversity, National parks, sanctuaries	Biodiversity, National parks, Sanctuaries
	States of matter(Gas,Liquid,Solid)	States of matter(Gas,Liquid,Solid)
	Solar system(Sun,Moon,Planets)	Optics(Reflection, Refraction, Total internal reflection,Lens,Mirror)
		Electromagnetism(Famous laws and Properties of electricity and magnet)
		Energy sources(Thermal power plant, Nuclear power plant, Hydro electrical power plant, Wind mill)
		Astro physics(Space agencies, Universe,Artificial satellite)
		Waves(Electromagnetic waves, Wave motion, types of waves)
		Micro-organisms (Bacteria, Virus, Fungus, Protozoa)
		Theories- evolution (Theories related to evolution, Famous scientist)
		Plants (Parts of plants, Plant hormones, Reproduction, Flowers)

GK & CURRENT AFFAIRS

LP	UP	HS
Important days	Important days	Important days
Sports (Olympics, Awards and Trophies)	Sports	Sports
Science and Technology	Science and Technology	Science and Technology
Literature and Arts	Literature and Arts	Literature and Arts
Constitution & Civics (Rights and duties)	Constitution and Civics (Rights and duties, Constitutional Bodies,)	Constitution and Civics (history of Indian constitution, Rights and duties, Constitutional Bodies,)
Freedom fighters (Famous Indian freedom fighters)	Freedom fighters(Famous Indian freedom fighters)	Freedom fighters(Famous Indian freedom fighters)
Indian independence(1857-1947)	Indian independence(1857-1947)	Indian independence(1857-1947)
History(Kerala and India)	History(Kerala and India)	History(Kerala, India and World)
Famous awards	Famous awards	Famous awards
Inventions and discoveries	Inventions and discoveries	Inventions and discoveries
Kerala Renaissance(Famous Revolt, Famous persons)	Kerala Renaissance(Famous Revolt, Famous persons,Congress,Summit, events)	Kerala Renaissance(Famous Revolt, Famous persons,Congress,summit, events)
International organizations(United Nations)	International organizations(UNO ,Human rights organizations, Environmental organizations)	International organizations(UNO ,Human rights organizations, Environmental organizations)
Currencies, Flags		

ENGLISH

LP	UP	HS
Grammar (Different Parts of Speech, Tenses)	Grammar(Different Parts of Speech, Tenses, Direct and Indirect Speech, Active and Passive voice).	Grammar(Different Parts of Speech, Tenses, Direct and Indirect Speech, Active and Passive voice,Articles,prepositions etc.)
Vocabulary(Synonyms, Antonyms, Singular & Plural)	Vocabulary(Synonyms, Antonyms, Singular & Plural ,Idioms)	Vocabulary(Synonyms, Antonyms, Singular & Plural ,Idioms, Phrasal Verbs, Compound words)
Comprehension	Comprehension	Comprehension
Literature	Literature	Literature

LOGICAL REASONING AND MENTAL ABILITY

LP	UP	HS
Blood relation	Blood relation	Blood relation
Patterns and shapes	Patterns and shapes	Patterns and shapes
Classification	Classification	Classification
Puzzle test	Puzzle test	Puzzle test
Sequence and series	Sequence and series	Sequence and series
Coding and decoding	Coding and decoding	Coding and decoding
	Logical Venn diagram	Logical Venn diagram
	Ranking test	Ranking test
	Calendar and clock	Calendar and clock
	Water and mirror images	Water and mirror images
		Cubes and dice
		Decision making
		Arithmetical reasoning

MATHS

LP	UP	HS
Number system	Number system	Number system
Basic operations	Basic operations	Basic operations
Area	Mensuration	Mensuration
Volume	Percentage	Percentage
Money problem	Time and distance	Time and distance
Time	Calendar	Calendar
Shapes and pattern	Profit and loss	Profit and loss
	Average	Average
	Square and square root	Square and square root
	Fractions	Fractions
	Decimal	Decimal
	Clock	Clock
	Calendar	Calendar
	Algebra	Algebra
	Exponents	Exponents
	Ratio and proposition	Ratio and proposition
	LCM and HCF	Series
		Cube and cube root
		Divisibility
		Simple and compound interest
		LCM and HCF
		Simplification
		Probability