Gandhi Educational Trust







Date of Exam: 27 - Oct - 2024 (Sunday)

General Instructions:

- 1. Be present at the exam center at least 30 mins before the exam time.
- 2. Use of the calculator or any other electronic device in the examination hall is strictly prohibited.
- 3. Use a HB pencil or Blue/ Black Ball pen only to mark your choice of answer in the OMR sheet by darkening a circle as shown below









- 4. Rough work should be done only on the sheet space provided in the booklet.
- 5. The exam pattern is of MULTIPLE CHOICE QUESTIONS and all of them are objective type.
- 6. The candidate can take the question booklet home after the exam.

GRADE V to VII						
Grade	Duration	Exam Pattern				
Grade V to VII	2 Hrs (10:00 am to 12:00 Noon)	Section	No. of Questions * Marks	Total		
		A(Novice)	10 * 1	10		
		B(Master)	20 * 2	40		
		C(Genius)	30 * 5	150		
		Total	60	200		

NOVICE: This section contains 10 Multiple Choice Questions. Each question has 4 choices (A), (B), (C) and (D) out of which ONLY ONE is correct. Each question carries "1" Mark. No negative Marks for wrong answer.

MASTER: This section contains 20 Multiple Choice Questions. Each question has 4 choices (A), (B), (C) and (D) out of which ONLY ONE is correct. Each correct answer carries "2" Marks. No negative Marks for wrong answer.

GENIUS: This section contains 30 Multiple Choice Questions Each question has 4 choices (A), (B), (C) and (D) out of which ONLY ONE is correct. Each correct answer carries "5" Marks. No negative Marks for wrong answer.







Grade V				
Mental Ability	Mathematics	Science		
Analogy	Geometry: Shapes and Spatial understanding	■ Respiration		
■ Blood Relations	Numbers: Numbers and	■ Digestion		
■ Logical Venn Diagrams	operations	 Plants - Seed germination, root and shoot axis, baby plant, storage of food in the seed; seed dispersal. 		
 Mathematical Operations 	Mental arithmetic	Insectivorous plants		
■ Arithmetical Reasoning	Fractional numbers	Preservation of food, drying and pickling		
■ Inserting the Missing	Money	Nutrition deficiency diseases.		
■ Verbal Reasoning	Measurement : Length	 WATER - Animals and plant life in water; classification in terms of 		
■ Sequence & Series	Data Handling	similarities and differences.		
	Patterns	 Basic observations and classification related to floatation and solubility in water; basic concepts about liquids; litre as unit of measurement of volume 		
		 Stagnant and flowing water; mosquitoes and malaria. 		
		Fuels used in vehicles; Non- renewable source.		
		■ Simple Machine		
		■ Matter		
		■ Energy		







Grade VI					
Mental Ability Mathematics	Science				
	Science Plant parts and animal products as sources of food; herbivores, carnivores, omnivores. Carbohydrates, fats, proteins, vitamins, minerals, fibers, their sources and significance for human health; balanced diet; diseases and disabilities due to food deficiencies. Threshing, winnowing, hand picking, sedimentation, filtration. How things change/react with one another Solubility, saturated solutions Living / Non — living characteristics; habitat; biotic, abiotic (light, temperature, water, air, soil, fire) Habitat - Plant and animal adaptation; other plant part modifications. Morphological structure and functions of root stem and leaves. Structure of the flower, differences. Structure and functions of the animal body; Human skeletal system, some other animals e.g. fish, bird, cockroach, snail Measurement of length. Motion as change in position with time Magnets Evaporation and condensation, water in different states. Water cycle. Light Motion Force				







Grade VII						
Mental Ability	Mathematics	Science				
 Analogy Blood Relations Logical Venn Diagrams Mathematical Operations Arithmetical Reasoning Inserting the Missing Verbal Reasoning Sequence & Series 	 Number System: Knowing our Numbers: Fractions and rational Numbers Powers: Algebra Algebraic Expressions Ratio and Proportion Geometry: Understanding shapes Properties of triangles: Symmetry Representing 3-D in 2-D: Congruence Mensuration Area of two-dimensional figures Data handling 	 Autotrophic and heterotrophic nutrition; parasites, saprophytes; photosynthesis. Types of nutrition. Nutrition in amoeba and human beings, Digestive system - human. Ruminants; types ofteeth; link withtransport and respiration. lons & Radicals Classification of substances into acidic, basic and neutral; indicators Criss-cross method & Chemical reaction. Respiration in plants and animals. Herbs, shrubs, trees; Transport of food andwater in plants; circulatory and excretion system in animals. Measurement of time using periodic events. Idea of speed of moving objects-slow and fast motion along a straight line. Electric current and circuits Light Motion Force Work 				