

QUESTION PAPER LAY OUT

Duration : 02 Hrs.

Total Marks : 150

No. of Question : 150

Each Question carry 1 mark

Sr. No.	Subject	No. of Question
1	General Awareness (Current Affairs)	10
2	Social Science	History – 10
		Pol Science – 10
		Geography – 10
		Economic – 10
3	General Science	Physics – 10
		Chemistry – 10
		Biology – 10
		Basic Computers – 10
4	Mathematics (Numerical ability) upto Class 8	10
5	General Mental ability, aptitude and attitude (as regards to Education / Teaching)	30
6	English and Hindi	10 + 10 = 20

- * 150 questions for all Candidates.
- * Candidates having Urdu and Punjabi as subject in 10th and 12th will be qualified for admission in Urdu and Punjabi.
- * Level of Test – Class X

Detailed Syllabus

S no.	Subject		Content	No. of Items
1	General Knowledge (Current Affairs)		<ol style="list-style-type: none"> 1. Knowledge of Important events that have happened in India in recent years. 2. Prominent personalities of both Indian and International level 3. Cultural activities. 4. Sports activities. 5. Current important world events. 6. Prize / Awards. 	10
2.	Social Science	History – 10	<ol style="list-style-type: none"> 1. Forces shaping the modern world; 2. Exploration and Discovery; 3. A broad survey of Indian History, with emphasis on Culture and Civilization 4. Freedom Movement in India 5. French Revolution and Russian Revolution, 6. Elementary knowledge of Five Year Plans of India. 7. United Nations, 8. Panchsheel, 9. Panchayati Raj, Democracy, Socialism and Communism 10. Indian Freedom Movement 11. Bhoodan, Sarvodaya 12. National Integration and Welfare State 13. Basic Teachings of Mahatma Gandhi. 	40
		Pol. Science – 10	<ol style="list-style-type: none"> 1. Parliament 2. Indian Constitution 3. Rights and Duties. 4. States and Union Territories 5. Federalism, Power Sharing 6. Democracy and Diversity and its challenges. 7. Gender, Religion and Caste 8. Political Party, Election and Election Commission 	

		Geography - 10	<ol style="list-style-type: none"> 1. The Earth, its shape and size 2. Latitudes and Longitudes 3. Soil and its types 4. Types of Climate 5. International Date Line 6. Major Natural Regions of the World 7. Movements of Earth and their effects 8. Regional Geography of India 9. Climate, Natural vegetation. Mineral and Power resources. 10. Agricultural and Industrial activities 11. Origin of Earth, Rocks and their classification. 12. Important Sea ports and main sea, land, and air routes of India 13. Main items of Imports and Exports of India. 	
		Economics – 10	<ol style="list-style-type: none"> 1. GDP / GNP & HDI 2. Sector of Indian Economy 3. Economic Planning 4. Indian Budget 5. Economic Vocabulary 6. Liberalization 7. Human Development and Human Capital 8. National Income 9. Growth and Changing structure of Employment 10. Sustainable Development 	
3.	General Science	Physics – 10	<ol style="list-style-type: none"> 1. Physical Properties and States of Matter 2. Modes of Transference of Heat 3. Mass, Weight, Volume, Sound waves and their properties. 4. Density and Specific Gravity 5. Reflection and Refraction 6. Spherical mirrors and Lenses 7. Human Eye 8. Motion of objects 9. Natural and Artificial Magnets 10. Velocity and Acceleration 	40

			11. Properties of a Magnet 12. Newton's Laws of Motion 13. Force and Momentum 14. Gravitation 15. Simple Electrical Circuits 16. Elementary Ideas of work 17. Heating, Lighting, and Magnetic effects of Current	
		Chemistry – 10	1. Acids, Bases, and Salts. 2. Carbon - different forms 3. Physical and Chemical changes 4. Fertilizers - Natural and Artificial 5. Elements 6. Material used in the preparation of substances like, Soap, Glass, Ink, Paper, Cement, Paints, Safety, Matches, and Gunpowder 7. Mixtures and Compounds 8. Elementary ideas about the Structure of Atom.	
		Biology – 10	1. Common Epidemics, their causes, and prevention 2. Difference between the living and non-living 3. Food - Source of Energy for man 4. Basis of Life – Cells, Protoplasm's and Tissues 5. Constituents of Food 6. Growth and Reproduction in Plants and Animals 7. Balanced Diet 8. Elementary knowledge of the Human Body and its important organs	
		Basic Computer Knowledge – 10	1. Introduction of Computer 2. Computer Architecture and Hardware 3. Computer Memory 4. Data Representation 5. Computer Software 6. Operating System 7. Search Engines 8. Internet	

4.	Mathe matics	Numerical Ability – 10	1. Simplifications 2. Number System 3. LCM & HCF 4. Percentage 5. Profit and Loss 6. Ratio and Proportion 7. Discount 8. Work and Time 9. Elementary Algebra 10. Data Handling	10
5.	General Mental Ability		General Mental Ability, Verbal and Non Verbal Reasoning – Logical and Analytical Reasoning Aptitude and Attitude regarding education 1. Indian Education Agencies 2. Responsibility towards societies 3. Educational Learning Tools 4. Experiments related to schools by students Organization of Education as CBSE, NCERT and their structure and function etc.	30
6.	English (10) + Hindi (10)		1. Spotting Errors Questions 2. Sentence Arrangement Questions 3. Vocabulary 4. Ordering of Sentence 5. Comprehension Question 6. Ordering of Words in a sentence.	10 + 10 = 20

*150 Question for all Candidates