



GISO 2022 Level Buds (Pre-KG, KG1 & KG2) Syllabus

Total Marks: 100

General section: 20 Questions (3 Mark each)

Genius Section: 10 Questions (4 Marks each)

<i>Unit</i>	<i>Topics</i>
<i>1</i>	<i>Animals – Identification, Sounds, Young ones, Habitats, Foods etc.,</i>
<i>2</i>	<i>Fruits and Vegetables – Identification</i>
<i>3</i>	<i>Sun, Moon and Stars</i>
<i>4</i>	<i>Flowers - Identification</i>
<i>5</i>	<i>Shapes and Colors – Identification , Comparison</i>
<i>6</i>	<i>Body Parts – Identification, Functions</i>
<i>7</i>	<i>Seasons & Weather</i>
<i>8</i>	<i>Living and non-living things</i>
<i>9</i>	<i>Genius Section – Questions with higher difficulty level based on the above topics</i>



GISO 2022 Level 1 (Grade 1 & 2) Syllabus

Total Marks: 100

General section: 40 Questions (1 Mark each)

Genius Section: 20 Questions (3 Marks each)

<i>Unit</i>	<i>Topics</i>
<i>1</i>	<i>Plants – Parts of Plants, plants' need for water, seeds, plants with seeds and without seeds and other topics related with plants</i>
<i>2</i>	<i>Animals – Mammals, reptiles, amphibians, fish, birds and animals without backbones - Habitats, classification, groups</i>
<i>3</i>	<i>Food chains and life cycles</i>
<i>4</i>	<i>States of Matter Earth resources Energy – Potential and Kinetic Energy concept</i>
<i>5</i>	<i>Weathers and seasons</i>
<i>6</i>	<i>Earth and Space Science – Solar system</i>
<i>7</i>	<i>Light and Sound concepts</i>
<i>8</i>	<i>Human Body – Parts, functions</i>
<i>9</i>	<i>Modes of transport</i>
<i>10</i>	<i>Measurements and units</i>
<i>11</i>	<i>Energy conservation and global warming</i>
<i>12</i>	<i>Genius Section – Questions with higher difficulty level based on the above topics</i>



GISO 2022 Level 2 (Grade 3,4 & 5) Syllabus

Total Marks: 100

General section: 40 Questions (1 Mark each)

Genius Section: 20 Questions (3 Marks each)

<i>Unit</i>	<i>Topics</i>
<i>1</i>	<i>Forms of energy – Heat, light and sound Properties of matter Physical and Chemical changes</i>
<i>2</i>	<i>Force, Motion and work</i>
<i>3</i>	<i>Electricity and magnetism</i>
<i>4</i>	<i>Weather and climate</i>
<i>5</i>	<i>Ecosystem - Lifecycles, food chain and food web</i>
<i>6</i>	<i>Earth Sciences – Air, water, soil, rocks etc.,</i>
<i>7</i>	<i>Solar system and universe – Planets, stars, Sun, relational motions etc.,</i>
<i>8</i>	<i>Plants and Animals</i>
<i>9</i>	<i>Human Body – Parts, systems and their functions Diseases Basic Nutrition, Health and Hygiene</i>
<i>10</i>	<i>Environment, Conservation, Global warning</i>
<i>11</i>	<i>Genius Section – Questions with higher difficulty level based on the above topics</i>

***Syllabus of Level 1 is also included as part of Level 2 Syllabus**



GISO 2022 Level 3 (Grade 6,7& 8) Syllabus

Total Marks: 100

General section: 40 Questions (1 Mark each)

Genius Section: 20 Questions (3 Marks each)

<i>Unit</i>	<i>Topics</i>
<i>1</i>	<i>Force, Motion, Work, Friction and Pressure</i>
<i>2</i>	<i>Light, Shadows and reflection</i>
<i>3</i>	<i>Sound, Magnetism, Electricity and circuits</i>
<i>4</i>	<i>The Universe – Stars, Planets, Constellations etc.,</i>
<i>5</i>	<i>Metals and Non-Metals</i>
<i>6</i>	<i>Basic Chemical reactions. Acids, bases</i>
<i>7</i>	<i>Combustion and Flame, Synthetic fibres and plastics</i>
<i>8</i>	<i>Microorganism, Cells, bacteria</i>
<i>9</i>	<i>Human Body, Nutrition, Diseases</i>
<i>10</i>	<i>Animals' species, habitats, Environment, Conservation, Global warning</i>
<i>11</i>	<i>Genius Section – Questions with higher difficulty level based on the above topics</i>

**Syllabus of Level 2 is also included as part of Level 3 Syllabus*



GISO 2022 Level 4 (Grade 9 & Above) Syllabus

Total Marks: 100

General section: 40 Questions (1 Mark each)

Genius Section: 20 Questions (3 Marks each)

<i>Unit</i>	<i>Topics</i>
<i>1</i>	<i>Motion, Force, Electricity, Magnetism & Gravity</i>
<i>2</i>	<i>Sound, Light & Space Science</i>
<i>3</i>	<i>Units and Measurements, Mechanics, Properties of Matter</i>
<i>4</i>	<i>Heat and Thermodynamics, Oscillations, Waves.</i>
<i>5</i>	<i>Organic Chemistry - Some Basic Principles and Techniques, Hydrocarbons,</i>
<i>6</i>	<i>Environmental Chemistry</i>
<i>7</i>	<i>Life Processes, Reproduction in plants and animals</i>
<i>8</i>	<i>Human anatomy, Diseases, Nutrition</i>
<i>9</i>	<i>Environment, Management of Natural Resources, Global warning, climate change</i>
<i>10</i>	<i>Heredity and Evolution</i>
<i>11</i>	<i>Flora and Fauna</i>
<i>12</i>	<i>Genius Section – Questions with higher difficulty level based on the above topics</i>

**Syllabus of Level 3 is also included as part of Level 4 Syllabus*