



## SYLLABUS FOR APTITUDE TEST-2024 Class-III (PRIMARY SECTION)

### ENGLISH

Students must have understanding of:

- Fiction and nonfiction
- Usage and identification of Noun, Pronoun, Verb, Adjective & Preposition.
- Synonyms
- Sentence Starters
- Regular and irregular verbs
- Consonant and vowel
- Usage and identification of Apostrophe
- Addition of -ed and -ing to verbs
- Punctuation
- Connective
- Homophone
- Suffixes
- Prefixes

**Note:** Concepts related to the above topics will be assessed.

Reading, listening and speaking skills will be assessed through seen or unseen content.

### URDU

دُرست جواب پر دائرہ لگائیں  
ختم اور سوالیہ جملے  
اسم، فعل، صفت، نکرہ، معرفہ  
زمانے (ماضی، حال، مستقبل)  
سوالیہ، انکاریہ، استعجابیہ جملے  
ہم آواز الفاظ  
واحد / جمع  
الفاظ متضاد  
مذکر مونث  
گنتی آردو ہندسوں اور لفظوں میں

### MATHEMATICS

Students must have understanding of:

- Numbers up to 1000
- Even and odd Numbers
- 4 digit and 5 digit Numbers
- Number names
- Place value
- Expanded form of a number
- Predecessor and successor
- Comparing and ordering Numbers
- Number line

- Skip counting
- Addition
- Subtraction
- Multiplication
- Division
- Fractions
- Length
- Mass
- Capacity
- Time
- Geometry
- Shapes

## SCIENCE

### Students must have understanding of:

- Living and non-living things.
- Life processes that occur in animals and plants.
- Seven life processes.
- Classification
- That living things can be classified into different groups.
- Four main groups of living things.
- Six main groups of Animals.
- Main features of:
  1. Mammals
  2. Birds
  3. Fish
  4. Reptiles
  5. Insects
  6. Amphibians
- Vertebrates and invertebrate animals.
- Main features of Fungi and Bacteria.
- Five food groups:
  1. Grains
  2. Meat, egg and beans
  3. Fruits
  4. Vegetables
  5. Dairy products
- Essence of balanced diet and regular exercise.
- Different parts of a plant and their main function .
- Common materials around them.
- Man-made and natural material around them.
- Different properties of material including
  1. Heat conductivity
  2. Transparency
  3. Absorbency
  4. Hardness
  5. Strength
  6. Flexibility
  7. Elasticity
  8. Magnetism
- New man-made material Arboform.
- Force of pull and push
- That force can make an object start or stop.

**Note:** General concepts of the mentioned topics will be assessed in aptitude test.

**Topics:**

Unit 2-15 are included for the aptitude paper.

Unit names:

**1. Allah**

- Who is the creator of universe?
- Blessing of Allah (SWT),
- Why must we thank Allah?
- How many names does Allah have?

**2. The Holy Quran**

- Why does Allah Sent Quran?
- To whom did Allah send the Quran?
- How many books did Allah send?
- Name of the books Allah has sent to prophets.
- Name four major angles and their duties.
- What is Qirat?
- Who is Qari?
- What is calligraphy?

**3. Hazrat Muhammad Rasool Allah khatam-an-nabiyeen.**

- The early years of Prophet's life.
- His helpful nature, and characteristics.
- How he treated others?

**4. Namaz**

- How many pillars are there?
- Name the Pillars of Islam in sequence?
- What is Namaz?
- What is wuzu?
- How many Namaz are obligatory for muslims?
- How many steps are involved in offering namaz?
- What is rakat?
- Difference between Farz, Sunnat and Nafil rakat?

**5. Qibla**

- What was the first Qibla of muslim?
- What was the event that led to Allah changing the Qibla?
- What is our current Qibla?

**6. Taharat**

- What is the meaning of Taharat?
- Why it is important to do taharat?
- Difference between wuzu and Ghusl?
- Why it is important to clean our environment?

**7. Roza**

- What is Roza?
- What is the meaning of roza?
- In which month do we fast?
- Difference between sehri and iftar?
- What is taravih?
- How many days do we fast?
- What is Shab-e-qadr, and its importance.

**8. Islamic Calendar**

- Difference between Islamic calendar and English Calendar.
- How many days are in Islamic calendar?
- Islamic calendar is based on which cycle?
- What are the other names of Islamic calendar and English calendar?

- In which year Hijri calendar started?
- How many Islamic months are there?

### 9. Speaking the truth

### 10. Respect for Parents

### 11. Respect for elders

### 12. Respect for the teachers and books

### 13. Good manners

- From unit Speaking the truth till good manners general concepts are included
- General Questions are included related to the topic "Stories from Quran"

## Social Studies

### Topics:

- Name Pakistan's provinces and their capital cities.
- List some facts about Islamabad.
- Discuss some things to see and to do in Islamabad.
- List some facts about Peshawar.
- Describe the climate , people , bazaars of Peshawar.
- Discuss some things to see and to do in Peshawar.
- Name the parts of mountains, mountain ranges and passes.
- List some natural resources.
- Describe the lives of people and animals in the mountains of Pakistan and Peru
- Explain the importance of clean environment.
- Explain how each person can contribute to keep our environment clean.
- Explain how to reduce , reuse and recycle.
- Explain what is plan & how to use symbols and key on a plan?
- Explain grid squares & how the four main compass points are used to give directions?
- Describe satellite maps and aerial photos.
- Differentiate between goods and services.
- Describe some services available in Pakistan.
- List the services provided by government.
- Why Indus valley civilization might have ended.
- Explain how we can learn about past civilizations from buildings, objects and pictures from the time.
- Explain why settlements develop on trade routes.
- Important features of the Gandhara civilization.
- Describe the origins of Buddhism, and its importance in the history of our country.
- Describe how the physical features of the land affected the lives of the people of Ancient Egypt.
- Describe some customs of the Ancient Egyptians and explain how we know about them.
- Recount what they know Tutankhamun and the other pharaohs.
- Explain why trading has flourished in Greece since ancient times.
- Narrate an Ancient Greek legend.
- Explain the origins of the Olympic games.
- Explain that the origin of democracy can be traced to the Ancient Greek civilization.
- Discuss the life and contribution of Emperor Qin Shi Huang.
- Explain that making silk cloth is an ancient Chinese art.
- Explain why being fair is important.
- Suggest ways of showing kindness and respect to others.
- Explain why rules must be obeyed.

Topics:

**Unitnames:**

**1. Hello Presentation**

- What is powerpoint?
- Difference between powerpoint and MS Word?
- How to open MS Powerpoint?
- What is Ribbon?
- How many tabs are there in ribbon?
- Names of the tabs.
- What is navigation pane?
- The use of navigation pane.

**The use of tabs of Ribbon.**

❖ **Home tab**

- How we can change the Font size and Font style

❖ **Home tab and Insert tab**

- How to insert another slide?
- How many ways to insert slide
- How to delete slide?

❖ **Design tab**

- Parts of design tabs
- What are themes, variants, and Format background? Why we use them?

❖ **Home tab and Insert tab**

- How to insert a shape?
- How to insert a picture?

❖ **Transition tab**

- What is transition tab?
- What is the use of transition tab?
- From where we can add and set the time of the transition.
- How we can preview the final result of the transition.

❖ **Animation tab**

- How we can add an animation effect on object and shape?
- What is trigger option?
- What are On click, With previous and After previous options? What are their uses?

❖ **Slide show**

- How we can create the slide show?
- What are From beginning, From Current slide options?
- What is Hide slide option? How we can hide the slides?

**2. Let's Have Fun**

- Difference between row and column.
- What is pattern?

**Computer Science general knowledge questions are also included.**

- **Test paper will be based on conceptual questions.**