

ADMISSIONS OPEN FROM 9th SEP 2024

STD. 6<sup>th</sup> TO 12<sup>th</sup> SCI

**ENG & GUJ MEDIUM** 

# **GUJARAT'S BIGGEST**

**SCHOLARSHIP CUM ADMISSION TEST** 



FOR STUDENTS OF CLASS

5th TO 11th SCIENCE





**Exam Date** 

Phase 1 13<sup>th</sup> & 20<sup>th</sup> OCT 2024 Phase 2

1st DEC
2024



**HARSHIT VAGHAMSHI** 

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PETEX 2024-25

**Petex at all Centres of Phoenix** 

2<sup>nd</sup> Dec. 2024 Onwards Everyday Petex at our all Centres

### **PETEX EXAM PAPER PATTERN 2024-25**

STD / SUBJECT	MATHS	SCIENCE	TOTAL
Class - 5 <sup>th</sup> To 10 <sup>th</sup>	40 Marks	40 Marks	80 Marks

40 Marks bifurcation of Each Subject

**32 MARKS** of Theory Writing

08 MARKS of Objectives ( MCQ's )

### **MCQ & THEORY WRITING DETAILS**

8 MCQ Que. of 1 Mark Each (08 Marks)

5 Que. of 3 Marks Each ( Attempt Any 4 ) (12 Marks )

5 Que. of 2 Marks Each (Attempt Any 4) (08 Marks)

4 Que. of 4 Marks Each ( Attempt Any 3 ) (12 Marks)

### STD.11<sup>th</sup> MCQ BASED EXAM

STD / SUBJECT	PHY	СНЕМ	MATHS / BIO	TOTAL
Class - 11 <sup>th</sup>	25 MCQ	25 MCQ	30 MCQ	80 MCQ 80 Marks

## 10

#### SCHOLARSHIP BASED ON PETEX 2024-25 PERFORMANCE



MARKS	<b>DISCOUNT</b> ( In Tution fees Only )	
80 / 80	90%	
75 & Above	50%	
70 & Above	40%	
65 & Above	25%	
60 & Above	15%	
55 & Above	10%	
50 & Above	05%	

NOTE:- Discounted fees will be Deducted from the 1 year Tuition fees only from fees breakup.

- Scholarship/ Discount will be Considered from whichever is higher Among PETEX Scholarship A1 Grade / A2 Grade Discount / any referral discount in Tuition fees of 1 year only and will be divided in 2 Years Fees Program (2 Slot)
- FOR STD. 11 ADMISSIONS ONLY A1 Grade in SSC 2025 Exam-Rs. 51,000/- Scholarship in Tuition fees A2 Grade in SSC 2025 Exam - Rs. 21,000/- Scholarship in Tuition fees
- Result will be declared on 9th Nov. 2024 (On Phoenix Edu Application)





# PETEX SYLLABUS 2024-25

### **CLASS - 5 ( GOING TO 6TH IN 2025-26 )**

#### MATHS

1. The Fish Tale 2. Shapes and Angles 3. How Many Squares? 4. Parts and wholes 5. Does it look the Same?

#### **EVS**

1. Super Senses 2. A Snake Charmer's Story 3. From Tasting to Digesting 4. Mangoes Round the Year 5. Seeds and Seeds

### **CLASS - 6 ( GOING TO 7TH IN 2025-26 )**

#### **MATHS**

- 1. Knowning our numbers 2. Whole numbers 3. Playing with numbers 4. Integers
  - 5. Algebra 6. Basic geometrical ideas
  - 7. Understanding Elementary Shapes

#### SCIENCE

- 1. Components of food 2. Sorting Materials into Groups 3. Separation of Substances
  - 4. Motion and Measurements of Distances
    - 5. Light, Shadows and Reflections

### **CLASS - 7 ( GOING TO 8TH IN 2025-26 )**

#### **MATHS**

1. Integers 2. Fractions and decimals 3. Data handling 4. Simple equations 5. Lines and angles

#### SCIENCE

1. Nutrition in Plants 2. Nutrition in Animals 3. Acids. Bases, Salts. 4. Heat 5. Motion and Time 6. Physical and chemical changes

## **CLASS - 8 ( GOING TO 9TH IN 2025-26 )**

### **ENGLISH MEDIUM**

#### SCIENCE

- 1. Force and Pressure
  - 2. Friction
  - 3. Sound
  - 4. Crop Production and Management
  - 5. Microorganisms:
  - Friend and Foe
  - 6. Coal and Petroleum
  - 7. Combustion and Flame

**GUJARATI MEDIUM** 

## **MATHS**

- ૧. સંમેય સંખ્યાઓ
- ર. વર્ગ અને વર્ગમળ
- ૩. ધન અને ધનમળ
- ૪. એક્યલ સુરેખ સમીકરણ
- પ. યતુષ્કોણની સમજ
- ૬. માહિતીનું નિયમન

#### **SCIENCE**

- 1. બળ અને દબાણ
- 2. દ્યર્ષણ
- 3. ધ્વનિ
- 4. પાક ઉત્પાદન અને વ્યવસ્થાપન
- 5. સુક્ષ્મ જીવો : મિત્ર અને શત્રુ
- 6. કોલસો અને પેટોલિયમ
- 7. દહન અને જ્યોત

#### **MATHS**

1. Rational numbers 2. Squares and Square

Roots

3.Cubes and Cube Roots

4.Linear Equation in one **Variable** 

5. Understanding Quadrilaterals

6.Data Handling



## PETEX SYLLABUS 2024-25

## **CLASS - 9 ( GOING TO 10TH IN 2025-26 )**

## **ENGLISH MEDIUM**

## **GUJARATI MEDIUM**

#### **MATHS**

1. Number System 2. Polynomials 3. Coordinate Geometry 4.Linear Equations In Two Variables 5.Introduction To Euclid's Geometry

#### PHY

1.Motion

### **MATHS**

1. સંખ્યા પદ્ધતિ 2. બહપદીઓ 3. યામ ભુમિતિ 4. દ્વિયલ સરેખ સમીકરણો 5. યક્લિડની ભૂમિતિનો પરિયય

#### PHY

1. ગતિ

#### **CHEM**

1. Matter in our surroundings 2. Is Matter Around us Pure?

#### BIO

1. The Fundamental Unit of Life 2. Improvement in Food Resources

#### **CHEM**

1. આપણી આસપાસમાં ૮વ્ય 2. આપણી આસપાસના દ્રવ્યો શુધ્ધ છે ?

#### BIO

1. સજીવનો પાયાનો એકમ 2. અન્નસ્ત્રોતોમાં સધારણા

## **CLASS - 10 ( GOING TO 11TH IN 2025-26 )**

## **ENGLISH MEDIUM**

#### **MATHS**

1. Real Numbers 2. Polynomials 3. Pair Of Linear Equations In Two Variables 4. Quadratic Equations 5. Arithmetic Progressions

## **GUJARATI MEDIUM**

#### **MATHS**

1. વાસ્તવિક સંખ્યાઓ 2. બહપદીઓ 3. દ્વિયલ સુરેખ સમીકરણ યુગ્મ 4. દ્વિધાત સમીકરણ 5. સમાંતર શ્રેણી

#### PHY

1. Light-Reflection and Refraction 2. The Human eye and the Colourful World 3. Electricity

### **CHEM**

1. Chemical Reactions and Equations 2. Acids, Bases and Salts

1. પ્રકાશ- પરાવર્તન અને વક્રીભવન 2. માનવ -આંખ અને રંગબેરંગી દનિયા 3. વિધૃત

#### **CHEM**

1. રાસાયણિક પ્રક્રિયાઓ અને સમીકરણો 2. એસિડ.બેઈઝ અને ક્ષાર

#### **BIO**

1, Life Processes 2. Control and Coordination

#### BIO

1. જૈવિક ક્રિયાઓ 2. નિયંત્રણ અને સંકલન



# **PETEX SYLLABUS** 2024-25

## **CLASS - 11 ( GOING TO 12TH IN 2025-26 )**

### **ENGLISH MEDIUM**

## **GUJARATI MEDIUM**

#### **MATHS**

1. Sets 2. Relations and Functions 3. Trigonometric Functions

#### **MATHS**

1. ગણ 2. સંબંધ અને વિધેયો 3. ત્રિકોણમિતિય વિધેયો

1. Units and Measurements 2. Motion in a straight Line 3. Motion in a plane 4.Laws of Motion 5. Work, Energy & Power

#### PHY

1. એકમ તથા માપન 2. સરેખપથ પર ગતિ 3. સમતલમાં ગતિ 4. ગતિ ના નિયમ , 5. કાર્ય, ઉર્જા અને પાવર

#### **CHEM**

1. Some Basic Concepts of Chemistry 2. Structure of Atom 3. Classification of Elements and Periodicityin properties 4. Chemical Bonding

#### CHEM

1. રસાયણ વિજ્ઞાનની કેટલીક પાયાની સંકલ્પનાઓ 2. પરમાણનું બંધારણ 3. તત્વો નું વર્ગીકરણ અને ગુણધર્મો માં આવર્તિતા 4. રાસાયણિક બંધન

#### BIO

1. The Living World 2. Cell: The unit of life 3. Biomolecules 4. Cell Cycle and Cell Division

#### BIO

1. સજીવ વિશ્વ 2. કોષ: જીવનનો એકમ 3. જૈવ અણુઓ 4. કોષયક અને કોષવિભાજન

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