

# St. Francis' Convent Inter College, Jhansi

## *11<sup>th</sup> Syllabus*

### *Common Subjects*

### **English Literature**

#### **TERM I**

##### **Macbeth - Act 1**

**Rhapsody** - 1. Abhisara: The Tryst  
2. Why I Like the Hospital

**Prism** - 1. A Living God  
2. Advice to Youth

#### **1<sup>st</sup> Unit Test**

**Prism** - A Living God

#### **2<sup>nd</sup> Unit test**

**Rhapsody**- Abhisara: The Tryst

**Macbeth**- Act 1 sci

#### **TERM II**

**Macbeth**- Act 2

**Rhapsody**- 1. Sonnet 116  
2. Death of a Naturalist –  
3. Strange Meeting

**Prism**- 1. The Paper Menagerie  
2. The Great Automatic Grammatizator  
3. Thank You, Ma'am –

#### **3<sup>rd</sup> Unit Test**

**Prism**- The Paper Menagerie

**Macbeth**- Act II sc i

#### **4<sup>th</sup> Unit Test**

**Rhapsody**- Death of a Naturalist

**Macbeth**- Act II sc ii

# English Language

## **TERM 1**

- Essays Narrative
- Reports
- Proposal Writing
- Comprehension
- Functional Grammar
- Total English- Test Papers [2-8]

### **1<sup>st</sup> Unit Test**

Functional Grammar/ Proposal Writing

### **2<sup>nd</sup> Unit Test**

Listening & Speaking Skills

## **TERM II**

- Essays
- Reports
- Proposal Writing
- Comprehension
- Functional Grammar
- Total English- Test Papers [9-15]

### **3<sup>rd</sup> Unit Test**

Functional Grammar/ Essay/ Report

### **4<sup>th</sup> Unit Test**

Report Writing/ Listening & Speaking Skills

# PHYSICAL EDUCATION

## (TERM 1)

### **SECTION A (Theory)**

1. Concept of physical education (UT-1).
2. Individual Aspect and Group Dynamics
- 3 . Effects of Physical Exercise on Human Body System. (UT 2)

### **SECTION B (Games)**

- 1.Cricket
- 2.Football
- 3.Hockey
- 4.Basketball.

## (TERM 2 )

### **SECTION A (Theory)**

1. Nutrition, Weight Control and Exercise
2. Physical Fitness and Wellness
3. Games and Sports – A Global Perspective + first term syllabus

### **3rd and 4th Unit test, Physical Education practical**

### **SECTION B (Games)**

1. Basketball
2. Volleyball
3. Badminton
4. Cricket
5. Football
- 6.Hockey

# COMPUTER SCIENCE

## **First Term:-**

- UT -1 Ch 1 Data Representaion
- UT -2 Ch 2 Propsitional logic and hardware
- UT -2 Ch 3 Oops concept

## **Full programming of class 10 syllabus**

## **EXAM TERM 1**

- Ch 1 Data Representation
- Ch 2 Propositional logic and hardware
- Ch 3 General Oops concept
- Ch 4 Introduction of Java
- Ch 5 Java fundamental
- Ch 6 Java flow of control
- Ch 7 Classes in java

## **Second Term:-**

- UT -3 Ch 1 Data Representation
- UT - 3 Ch 2 Propositional logic and hardware
- UT - 3 Ch 8 Functions
- **UT - 3 Full programming of class 10 syllabus**
- UT - 4 Ch 2 Propositional logic and hardware
- UT - 4 Ch 11 Array

## **Term 2 Exam chapter 1 to chapter 13**

- Ch 1 Data Representation
- Ch 2 Propositional logic and hardware
- Ch 3 General Oops concept
- Ch 4 Introduction of Java
- Ch 5 Java fundamental
- Ch 6 Java flow of control
- Ch 7 Classes in java
- Ch 8 Functions (Methods)
- Ch 9 Program error types and basic exception handling
- Ch 10 Using Library Classes and Packages
- Ch 11 Arrays
- Ch 12 Files
- Ch 13 Trending in computing and Ethical issues

# Maths

## **1st term Syllabus**

2. Relation and functions
4. Trigonometric functions
5. Compound and multiple angles
9. Complex numbers
10. Quadratic equations
11. Inequalities
12. Permutations and combinations
13. Binomial theorem
16. Straight line
18. Limits

<b><u>1<sup>st</sup> Unit Test</u></b>	<b><u>2<sup>nd</sup> Unit Test</u></b>
4. Trigonometric functions	10. Quadratic equations 11. Inequalities

## **2nd Term Syllabus**

17. Circles
19. Differentiation
21. Measures of Dispersion
22. Probability

## **Section – B**

23. Parabola
24. Ellipse
25. Hyperbola
26. Points and their coordinates in 3-Dimensions

## **Section C**

28. Statistics
29. Correlation Analysis
30. Index Numbers

<b><u>3<sup>rd</sup> Unit Test</u></b>	<b><u>4<sup>th</sup> Unit Test</u></b>
19. Differentiation 21. Measures of Dispersion	22. Probability

# 11<sup>th</sup> – A

## Accountancy.

### **TERM I:**

**Chapter 1:** Evolution of Accounting & Basic Accounting Terms.

**Chapter 2:** Accounting Equations.

**Chapter 3:** Meaning, Objectives, Scope and Nature of Accounting.

**Chapter 4:** Double Entry System.

**Chapter 5:** Books of Original Entry Journal.

**Chapter 6:** Accounting for Goods & Service Tax (GST).

**Chapter 7:** Books of Original Entry -Cash Book.

**Chapter 8:** Books of Original Entry -Special Purpose Subsidiary Books.

**Chapter 9:** Ledger.

**Chapter 10:** Trial Balance.

<b>Unit Test 1</b>	<b>Unit Test 2</b>
Chapter 1: Evolution of Accounting & Basic Accounting Terms.	Chapter 3: Meaning, Objectives, Scope and Nature of Accounting.

### **TERM II:**

**Chapter 12:** Depreciation.

**Chapter 13:** Bills of Exchange.

**Chapter 14:** Generally Accepted Accounting Principles (GAAP).

**Chapter 15:** Bases of Accounting.

**Chapter 16:** Accounting Standards and International Financial Reporting Standards (IFRS).

**Chapter 17:** Capital and Revenue.

**Chapter 18:** Provisions and Reserves.

**Chapter 19:** Final Accounts.

**Chapter 20:** Final Accounts With Adjustments.

**Chapter 21:** Errors and their Rectification.

**Chapter 23:** Accounts of Not-for-Profit Organisations.

<b>Unit Test 3</b>	<b>Unit Test 4</b>
Chapter 12: Depreciation.	Chapter 13: Bills of Exchange.

# Commerce

## TERM I

**Lesson 1:** Classification of Human Activities: Economic and Non-Economic.

**Lesson 2:** Nature and Objectives of Business.

**Lesson 3:** Classification of Business Activities.

**Lesson 4:** Introduction of Business Organisations.

**Lesson 5:** Sole Trader.

**Lesson 6:** Partnership.

**Lesson 7:** Joint Stock Company.

**Lesson 8:** Types of Company.

**Lesson 9:** Formation of a Company.

**Lesson 10:** Public Enterprises, Public Utilities, and Public-Private Partnerships.

**Lesson 11:** Cooperative Organisation.

**Lesson 12:** Social Responsibility of Business and Business Ethics.

<b>Unit Test 1</b>	<b>Unit Test 2</b>
<b>Lesson 1:</b> Classification of Human Activities: Economic and Non-Economic.	<b>Lesson 3:</b> Classification of Business Activities.

## TERM II

**Lesson 13:** E-Business and Outsourcing.

**Lesson 14:** Stock Exchange.

**Lesson 15:** Wholesale Trade (Wholesalers).

**Lesson 16:** Retail Trade (Retailers).

**Lesson 17:** Procedure and Documents Used in Home Trade.

**Lesson 18:** Chambers of Commerce and Industry.

**Lesson 19:** Nature and Scope of Foreign Trade.

**Lesson 20:** Export Trade.

**Lesson 21:** Import Trade.

**Lesson 22:** World Trade Organisation (WTO).

**Lesson 23:** Business Risks and Insurance.

**Lesson 24:** Types of Insurance.

<b>Unit Test 3</b>	<b>Unit Test 4</b>
<b>Lesson 13:</b> E-Business and Outsourcing.	<b>Lesson 15:</b> Wholesale Trade (Wholesalers).

# ECONOMICS

## I TERM

1. L-1 Definition of economics
2. L-2 Basic concepts of economics
3. L-3 Basic problems of an economy
4. L-4 Types of economies
5. L-5 Solutions to the basic economic problems
6. L-6 Economic growth and development
7. L-7 Parameters of development
8. L-8 Sustainable development
9. L-9 NITI Aayog
10. L-16 Definition, scope, importance of statistics
11. L-18 Measures of central value
12. L-19 Measures of dispersion

<b>UT1</b>	<b>UT2</b>
L-1 Definition of Economics	L-2 Basic concepts of economics

## II TERM

1. L-10 Indian economy Post liberalisation
2. L-11 Structural changes in the Indian economy
3. L-12 Poverty
4. L-13 Indian Agriculture
5. L-14 Human capital formation
6. L-15 Unemployment
7. L-17 Data: collection, organisation, presentation
8. L-20 Correlation
9. L-21 Index Number

<b>UT3</b>	<b>UT4</b>
L-3 Poverty	L-21 Index number



# 11<sup>th</sup> – B

## Chemistry

### TERM I

**Chapter 1.** Some basic concepts of chemistry.

**Chapter 2.** Atomic Structure.

**Chapter 3.** Classification of elements and periodicity in properties.

**Chapter 7.** Redox Reactions.

**Chapter 8.** Organic chemistry: Some basic principles and techniques.

### TERM II

**Chapter 4.** Chemical Bonding and molecular structure.

**Chapter 5.** Thermodynamics.

**Chapter 6.** Equilibrium.

**Chapter 9.** Hydrocarbons

<b>UT-1</b>	Chapter 1
<b>UT-2</b>	Chapter 2
<b>UT-3</b>	Chapter 3
<b>UT-4</b>	Practical

**Final Exam-Full Syllabus**

# PHYSICS

## TERM – I:

### **Units-**

- (i) Physical world & measurement
- (ii) Kinematics
- (iii) Laws of Motion
- (iv) Work, Energy & Power
- (v) Motion of System of Particles & Rigid Bodies
- (vi) Gravitation

## TERM – II:

### **Units-**

- (vii) Properties of Bulk Matter
- (viii) Heat & Thermodynamics
- (ix) Behaviour of Perfect Gases & Kinetic Theory of Gases
- (x) Oscillations & Waves

<b>Unit Test-1</b>	<b>Unit Test-2</b>	<b>Unit Test-3</b>	<b>Unit Test-4</b>
Chapter -3: Dimensional analysis	Chapter-5: Motion in a plane	Chapter-15: Flow of Liquids	Lab Practical

# Biology

## First Term

- ❖ The living world
- ❖ Biological classification
- ❖ Excretory system
- ❖ Body fluids and circulation
- ❖ Neural control and coordination
- ❖ Chemical coordination and integration
- ❖ Cell- the unit of life
- ❖ Cell cycle and division

## Second Term

- ❖ Breathing and exchange of gases
- ❖ Locomotion and movement
- ❖ Biomolecules
- ❖ Plant Kingdom
- ❖ Animal kingdom
- ❖ Morphology of flowering plants
- ❖ Anatomy of flowering plants
- ❖ Photosynthesis in higher plants
- ❖ Respiration in higher plants
- ❖ Plant growth and development
- ❖ Structural organisation in animals

## UNIT TEST 1

THE LIVING WORLD

## UNIT TEST 2

PRACTICALS

## UNIT TEST 3

PLANT GROWTH AND DEVELOPMENT

## UNIT TEST 4

PRACTICALS

# PSYCHOLOGY

## TERM 1

- 1.** The subject Psychology
- 2.** Emotions and motivation
- 3.** Learning
- 4.** Thinking Problem solving and creativity
  - (i) what is meant by thinking
  - (ii) concepts and how they are formed

## Unit test 1

- i) **Psychology- nature, structuralism, functionalism**
- ii) **Fields of Psychology**

## Unit test 2

- i) **The basic emotions**
- ii) **Theories of emotions**
- iii) **Motives, needs and instincts**

## TERM 2

- 1.** Methods of Psychology
- 2.** Remembering and Forgetting
- 3.** Attention and Perception
- 4.** Thinking Problem solving and creativity

## Unit test 3

- i) **Scientific methods in Psychology**
- ii) **Basic concepts statistics**

## Unit test 4

- i) The memory system
- ii) Nature of attention

## Political Science

### TERM I

**Lesson 1:** Introduction to political science.

**Lesson 2:** The origin of the state.

**Lesson 3:** Political Ideologies.

**Lesson 4:** Sovereignty.

**Lesson 5:** Law.

**Lesson 6:** Liberty.

**Lesson 7:** Equality.

**Lesson 8:** Justice.

Unit Test 1	Unit Test 2
<b>Lesson 1:</b> Introduction of political science	<b>Lesson 2:</b> The Origin of State <b>Lesson 3:</b> Political Ideologies

### TERM II

**Lesson 9:** End of Cold War and its impact on the world order.

**Lesson 10:** Unipolar World.

**Lesson 11:** Regional Cooperation.

**Lesson 12:** The Non- Aligned Movement.

Unit Test 3	Unit Test 4
<b>Lesson 13:</b> End of Cold War and its impact on the world order.	<b>Lesson 15:</b> Unipolar world

## History

### TERM I

**Lesson 1:** Growth of Nationalism.

**Lesson 2:** Emergence of the Colonial Economy.

**Lesson 3:** Social and Religious Movements.

**Lesson 4:** Protest Movements Against Colonial Rule.

**Lesson 5:** Gandhian Nationalism (1916-1922)

**Lesson 6:** Gandhian Nationalism (1927-1934)

**Lesson 7:** Impact of the second phase of industrialization in Europe during the late 19<sup>th</sup> and early 20<sup>th</sup> centuries.

**Lesson 8:** World War I: Causes, Events leading to it; Major changes in warfare and strategy; Peace Settlements.

**Lesson 9:** Peace Settlements After World War I and the Establishment of the League of Nations.

Unit Test 1	Unit Test 2
<b>Lesson 1:</b> Growth of Nationalism.	<b>Lesson 3:</b> Social and Religious movements. <b>Lesson 4:</b> Protest Movements Against Colonial Rule.

**TERM II**

**Lesson 10:** The Great Depression.

**Lesson 11:** Rise of communism: Russia (1917-1939)

**Lesson 12:** Rise of Fascism: Italy (1919-1939)

**Lesson 13:** The Rise of Nazism: Germany (1933-1939)

**Lesson 14:** The Rise of Militarism: Japan (1919-1937)

<b>Unit Test 3</b>	<b>Unit Test 4</b>
<b>Lesson 10:</b> The Great Depression.	<b>Lesson 12:</b> Rise of Fascism: Italy (1919-1939). <b>Lesson 13:</b> Rise of Nazism: Germany (1933-1939).