

## ENGLISH

1. Complete the task of **READING, NOTE MAKING AND SUMMARIZING FOR THE FOLLOWING CHAPTERS.**
2. Complete the task of all the **TEXTUAL EXERCISES OF EACH CHAPTER.**

### PROSE

1. A letter to God
2. Nelson Mandela-Long walk to freedom
3. Two stories about flying
4. From the diary of Anne Frank

### POETRY

- A. Dust of Snow
- B. Fire and Ice

### SUPPLEMENTARY

- A. A triumph of surgery
- B. A Thief's story

### 10 th( hindi b कोर्स )

1. कबीर के साखी 1retpahcका व्याख्या ) | लिखिए सहित सन्दर्भ,स्पर्श भाग पद्य (2-
2. बड़े भाई साहब पाठ का सारांश लिखकर | लिखो उत्तर के प्रश्नों,  
) 1 -retpahcस्पर्श भाग गद्य (2-
3. हरिहर काका पाठ का सारांश लिखो ) 1 retpahc |संचयन भाग (2-
4. व्याकरण | लिखिए सहित उदहारण भेद उनके, लिखकर परिभाषा का समास :

### CLASS ;10 తెలుగు

పాఠం1 మాతృభావన;ప్రతిపదార్థములు(పరిచయం,సంధర్భం,ప్రతిపదార్థం,భావం)వ్రాయండి.

1వ పద్యం; ఆ యేమి?4 వ పద్యం; శివరాజంతట 6వ పద్యం ;అనలజ్యోతుల

8 వ పద్యం; మాసర్దారుండు

పేజీ;8,9,10,లలోని పర్యాయపదాలు,ప్రకృతి-వికృతులు

పాఠ్య సారాంశం

పాఠం2; అమరావతి page;19,20 లలోని చిన్న ప్రశ్నలు 4,పెద్ద ప్రశ్నలు3 అదే పేజీ లోని

సొంత వాక్యాలు,పర్యాయ పదాలు

పాఠం 3.జానపదుని జాబు;కవిపరిచయం page;30 లోని 5. పాఠం ఆధారంగా ప్రశ్నలు

జవాబులు (చిన్నవి) page;31 లో రెండు పెద్ద ప్రశ్నలు (10 వాక్యాలలో సమాధానాలు )

## **MATHEMATICS**

CHAPTER 2: POLYNOMIALS

EXERCISES 2.1 TO 2.3

CHAPTER 12: AREAS RELATED TO CIRCLES

EXERCISES 12.1 TO 12.3

CHAPTER 13: SIMPLE EQUATIONS

EXERCISES 13.1 TO 13.3

CHAPTER 14: STATISTICS

EXERCISES 14.1 TO 14.3

## **CLASS X: BIOLOGICAL SCIENCE HOMEWORK**

### **CHAPTER 6: LIFE PROCESSES**

#### **TOPICS TO READ**

- Nutrition in plants: photosynthesis
- Nutrition in human beings.
- Respiration in human beings
- Transportation in human beings
- Excretion in human beings.

Answer the following Questions from above topics:

1. What is meant by photosynthesis?
2. What are the two phases of photosynthesis?
3. Where does light and dark phase takes place in chloroplast?
4. Human digestive system- Definition of digestion, parts of digestive system.
5. Types of digestive glands and their role in digesting food.
6. Differentiate aerobic respiration from anaerobic respiration in a tabular form.
7. Structure of the human lungs with a special emphasis on alveoli.
8. Describe various possibilities for the breakdown of glucose through respiration.
9. Structure of human heart and mechanism of double flow.
10. Explain the water transportation system in plants through Xylem tissue.
11. Explain the food and nutrients through phloem tissue.
12. Describe the structure of urinary system and nephron.
13. Explain the mechanism of dialysis.

14. What do you mean by blood pressure and how it will be examined?  
15. Explain the structure of dicot seed with the help of diagram.

### **CLASS X: CHEMISTRY**

1. Write the details of atoms with atomic numbers 1 – 30 in the following format:

Sl.No	Name of the element	Symbol	Atomic Number	Atomic Mass(g)

2. Write the List of positive and negative ions.  
3. Use Criss Cross method write the names and formulae of 40 different compounds.  
4. Write a short note on the terms Atom, Molecule, Compound, Types of compounds, Mixture and types of mixtures with 5 examples each.  
5. Read chapter – 2 and write a short note on the following with appropriate examples/ Chemical reactions:  
a) Acid  
b) Base  
c) Indicators and types  
d) Reaction of Acids and bases with metals, carbonates and bi carbonates.  
e) Neutralization reaction  
f) Rancidity  
g) Corrosion.

### **PHYSICS**

**DOWNLOAD THE CONTENT OF NCERT TEXT BOOK AND READ THE FOLLOWING CHAPTERS**

**OR**

**IN ANDROID MOBILE PHONE DOWNLOAD THE APP NAMED” NCERT BOOKS AND SOLUTIONS” AND EXPLORE THE FOLLOWING CHAPTERS OF PHYSICS CLASS – X**

#### **Chapter – 14 : Natural Resources**

Sources of energy: Different forms of energy, conventional and non-conventional sources of energy: Fossil fuels, solar energy; biogas; wind, water and tidal energy; Nuclear energy. Renewable versus non-renewable sources of Energy.

#### **Chapter – 11 : THE HUMAN EYE AND THE COLOURFUL WORLD**

Functioning of a lens in human eye, defects of vision and their corrections, applications of spherical mirrors and lenses. Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life.

## **SOCIAL SCIENCE**

### **CIVICS**

Refer NCERT E text book and answer the following questions

1. Explain the ethnic composition of Srilanka.
2. Explain the ethnic composition of Belgium.
3. How did Belgium accommodate the differences?
4. What were the majoritarian measures adopted by Srilanka government?
5. What do we learn from the stories of Srilanka and Belgium?
6. Why power sharing is desirable? (Moral and prudential reasons)
7. What are the forms of power sharing?

### **ECONOMICS**

**Chapter-5 CONSUMER RIGHTS** (any one per cadet as per their choice)

1. Collect pictures on types of consumer exploitation in India.
2. Collect stories on each Consumer Rights.

**OR**

**Chapter-1 DEVELOPMENT**

Measure your BODY MASS INDEX and write an analysis of your health standard: Mention which area you are deficient: what steps you will adopt to keep your health developed.

(Cadets can use the Internet and Google Search to gather the above information)

### **HISTORY**

**CHAPTER-4 MAKING OF A GLOBAL WORLD**

1. Factors that motivated ancient people to think about global relationship. (Page No. 77)
2. Spread of cattle plague- an example of the bad effect of globalisation. (Page No- 86)
3. Indentured labour migration from India – reasons and its effects (page No 87)
4. The Great Economic Depression- 1929 to 1933- causes and its results. (Page No 95)

### **GEOGRAPHY**

**CHAPTER-1: RESOURCES AND DEVELOPMENT**

Download and read the chapter from the following link

<http://ncert.nic.in/textbook/textbook.htm?jess1=1-7>

And answer the following.

1. Define the term 'Resource'. Do you think it's a free gift of nature? Justify your statement.
2. Draw a chart of Classification of Resources.
3. Differentiate between – i) Biotic and Abiotic Resources and  
ii) Renewable and Non-Renewable Resources.
4. What do you mean by Sustainable Development?

5. 'Indiscriminate use of Resources has led to few major problems'- Illustrate those problems.

6. Write a short note on – i) Rio de Janeiro Summit, 1992 and  
ii) Agenda 21.

7. What are the three (3) steps involves in Resource Planning?

8. Complete the following table:

<b>SI No</b>	<b>Soil Types</b>	<b>Characteristics (3/4 for each)</b>	<b>Found where in India</b>
1	Alluvial Soil		
2	Black Soil		
3	Laterite Soil		
4	Arid Soil		
5	Forest Soil		