



**Happy
Holidays**



Class: 12th Science

Subject: English

1. Write skills (To be done in Grammar Notebook):

a) Article:

Social Media and Youth

Coping with Stress

b) Speech: Role of youth in making new India

Qualitative Education Vs Quantitative Education

c) Draft the following advertisement:

You are Ahana/ Agram, The General Manager of the Dreamland Hostel in Patnitop. You need a front office assistant with good spoken English skills and knowledge of computers.

You have a travel and tours company in Chandigarh. Draft an advertisement for summer tours to places within India.

2. Literature: (To be done in Literature Notebook):

a) Read the following poems and write their summery and poetic techniques used in the poems:

Punishment in Kindergarten

Sunrise

b) Read the following chapters and do as mentioned:

The Cock-Fight

Write the character-sketch of Shahmal.

Do the question answers.

Box and Cox

Write the character-sketch of Mr. Box and Mr. Cox.

3. Literature: (To be done in Literature Notebook):

a) Read the play 'The Proposal'. Write its Summary

Character-Sketch: Natalya, Lomov

Theme

B) Read the following poems and write their summary and the poetic techniques used in the poems:

Snowdrop My Mother at Sixty-Six

Physics

- 1) Complete all the chapters and worksheets that has been given in group and write down in separate notebook (ELECTROSTTICS, CURRENT ELECTRICITY)
- 2) Make a file on:
 - a) Diagrams of parallel/series resistors.
 - b) Van de Graff generator with some explanation.
 - c) Wheatstone bridge with some explanation.
 - d) Electric Flux with some explanation.
- 3) Write about one invention in deep of noble price winner physicist with diagrams and theory in a file.

Chemistry

Revise all the chapters thoroughly that have been completed recently.

Chapter: a) Solution

b) Solid State

c) Electrochemistry

Biology

Revise the entire syllabus and make separate notebook to note the important topics.

Unit-1 Reproduction

Chapter-1 Reproduction in organisms

Chapter-2 Sexual Reproduction in flowering plants

Chapter-3 Human Reproduction

Chapter-4 Reproductive Health

Unit-2 Biotechnology and its Application

Unit-3 Ecology and Environment

Unit-4 Biology and Human Welfare worksheet

1. Define Anemophily. Point out the main features of anemophilous flowers.
2. How is layering different from cutting method of vegetative reproduction?
3. Name the components of Male reproduction system with a labeled diagram.
4. Define spermatogenesis. Name the hormones involved in regulation of spermatogenesis
5. Explain pollen- pistil interaction in detail.
6. Which is a triploid tissue in fertilized ovule? How is the triploid condition being achieved?
7. Explain these Embryo culture and Somatic hybridization.
8. Define asexual reproduction, various types with suitable diagrams.
9. What are bt crops?
10. Describe briefly tissue culture technology.
11. What is false fruit?
12. With the help of labeled diagram, describe reproductive system of human female

13. Enlist the aspects of reproductive health which need to be given special attention in the present scenario.
14. What is ecological succession? Describe succession in a pond.
15. What is cellular totipotency?
16. What is ozone depletion?
17. What are bio fertilizers?
18. Differentiate between self pollination from cross pollination.
19. Explain various menstrual cycle phases in human female.

Write these questions and answers in a separate notebook.

Make 50 objective questions from each chapter.

Write 50- 100 words on the following terms.

1. Nucleus
2. Embryo sac
3. Ovary
4. Integuments
5. Chalazogamy
6. Porogamy
7. Biome
8. GM crops
9. National parks
10. Wildlife sanctuaries

Prepare a model from Biotechnology /Ecology and environment.

Physical Education

1. Select any game/sport of your choice (Cricket, Basketball and Table Tennis) Write the following details:
 - a. History of the game/sport
 - b. Rules
 - c. Measurement of the field/court
2. Learn and Revise all the topics of Chapter 1 and 2

Functional English

A) Read the newspaper daily and find out samples of the following and paste them in your notebook:

- 5 reports
- 5 advertisements
- 5 posters
- 5 circulars

B) Write 3 formal invitations and their replies.

C) Read the play 'Don't call out, or you'll be shot' write its;

- Summary
- Character sketch of a) Sergius b) Raina

D) Read the following poems and write their summary and the poetic devices used in the poems:

i) Abraham Lincoln's letter to his Son's teacher

ii) The secret of Machines

Commerce

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Business Studies

1. Chapter-1

- * Objectives of business management
- * Levels of business management
- * Nature of business management

2. Chapter- 2

- * Techniques of Scientific management
- * Fayol's Principles of management
- * F.W Taylor's Principles of scientific management

3. Chapter-3

- * Characteristics of business environment
- * Importance of business environment

Entrepreneurship

1. Chapter-1

- * Sensing and Perceiving entrepreneurial opportunities
- * Steps in setting up of an enterprise
- * Market assessment

2. Chapter-2

- * Characteristics and importance of Business Planning
- * Steps in Business Planning

Accountancy

- 1) Revise the entire syllabus till date.
- 2) Prepare format of balance sheet of company.

Economics

- 1) Revise the entire syllabus till date.
- 2) Prepare or draw P.P.C and its properties.

OR

Prepare demand and individual, market demand curve.

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Humanities

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Geography

Prepare Geography project with thematic maps:

a) Choropleth maps

b) Isopleth maps

c) Dot maps

History

Prepare a project on any one of the following:

a) Harrapan Artifacts and Town Planning

b) The Partition of India

c) Through the Traveller's eye

d) The Bhakti and Sufi movement in India

(Project should be done on A4 size coloured sheet and well decorated file)

Sociology

1. Prepare a brief report about the growing addiction of drugs and alcohol abuse among secondary students and its effect on their lives.

2. Prepare a brief report on the topic 'Social Movements'. Atleast write about 4 movements out of the following:

a) Chipko movement

Peasant Movement

c) Dalit Movement

d) Feminism

e) Religious Movement

f) Apartheid Movement

Learn all the chapters taught yet.

Political Science

1. Prepare a brief report of 300 words on the below mentioned topics:

a) Rio Summit -1992

b) Kyoto Protocol

c) Recent Paris meet 20 15

2. Read any newspaper daily and make clippings of news related to ongoing conflicts between the Indian security forces and other countries.

Classify these conflicts by their location (using world map) and find out the cause of each conflict.

3. Prepare flow charts of European Union (EU), ASEAN and SAARC.

4. Write a brief note on 9 /11 in the context of USA.

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