

Modern Convent School

Class: IX

Holiday Homework 2019-20

English

- Write a descriptive paragraph in about 100 to 120 words :-
(a) Bismillah khan (b) Evelyn Glennie (c) Kathmandu
- Read the chapters of your textbooks ,Moments and Beehive
Roll no. 1 to 15 [The little girl , wind and Iswaran :The story teller]
Roll no. 16 to 30 [A truly beautiful Mind, Rain on the roof and My childhood]
Roll no. 31 onwards [The Snake and the mirror , The Lake isle of Innis, free and In the Kingdom of Fools]
On the basis of your reading , write the theme and summary of the given chapters.
- Solve integrated grammar exercises (Editing, Omission and Gap Filling) from the assignment booklet (3 each)

Mathematics

- Do assignments 3 and 4 in a separate practice notebook.
- Revise all the work done in the class related to chapters 1, 2, 3 and 4.
- The following lab activities to be done in lab file:-
* (a) To construct a square root spiral , that depicts the square roots of natural numbers ($\sqrt{1}, \sqrt{2}, \sqrt{3}, \sqrt{4}, \dots, \sqrt{11}$)
(b) To verify the algebraic identity
 $(x+y+z)^2 = x^2 + y^2 + z^2 + 2xy + 2yz + 2zx$
Using the method of paper cutting and pasting
(c) To verify the mid-point theorem for a triangle, using the method of paper folding .
(d) To verify that the diagonals of a parallelogram bisect each other, using triangles cut out.

Science

- Read chapter -5 (The Fundamental unit of life) Learn notes written in the notebook . Write in text and Exercise question – answers in notebook.
- Complete the following written work of Practical in the Biology Lab File.
* a. Preparation of stained temporary mounts of
(i) Onion Peel (ii) human cheek cells.
Draw labelled diagrams also. Write aim, material required, Procedure, Observation and Precautions.
b. Draw labeled diagrams and identification features of :-
 - Parenchyma , Collenchymas , Sclerenchyma tissues in plants
 - Striped ,smooth and cardiac muscle fibres and nerve cells in animals.
 - Spirogyra , agaricus , moss , fern , pinus , angiospermic plant
 - Earthworm , cockroach , bonyfish , bird.
c. External features of root, stem, leaf and flower of monocot and dicot plants.
d. Physics & chemistry – as instructed in class
- Do the given assignments of chapter 1, 5 and 8.
- Prepare chapters 8, 5 and 1 for periodic test.
- Practice the diagram from the topics covered so far.

Social Science

- * (I) **PROJECT WORK:** Natural Disaster (Theme-Cyclones on Project File)
Group 1: Cyclone in General (Roll No.1 to 24)
Group 2: Case Studies (Roll No. 25 onwards)

General Instructions:

Project should be self-made and to the point, avoid using expensive materials.
Project Report should be hand written by the students themselves.
Project Report should comprise of not more than 15 pages.

Submission Date: **03.07.19** (Wednesday)

Viva Voice for content assimilation will be conducted in the first week of July (Example: What is the theme, meaning, significance etc.)

Assignment should be practiced in the notebook.

Format of project

Project title, Written By, Contents, Preface, Acknowledgement, Bibliography, Teacher Report

CONTENTS

✓ **General**

1. Theme and Aim of the Project

- i) Theme of the project ii) Aim of the project

GROUP ONE: CYCLONE IN GENERAL

2. Introduction

- i) What is a cyclone?
ii) General characteristics of a cyclone
iii) Onset – Type and warning: a) Onset-Type b) Warning
iv) Elements at Risk

3. Cause and Impact of Cyclones or Tropical Cyclones

1. Cause

2. Impact or Adverse Effects of Cyclones:

- i) General ii) Physical Damage
iii) Casualties and public health iv) Water Supplies
v) Crops and food supplies vi) Communication and Transportation

4. Distribution Pattern or Occurrence

1. Worldwide Occurrence
2. Indian Cyclone

5. Mitigation Strategies

1. Introduction
2. Structural and Non-structural Mitigation Measures
i) Structural mitigation measures
ii) Non-structural Mitigation measures:
a) Hazard mapping b) Land use control
c) Flood management d) Cyclone forecasting and warning

GROUP TWO : CASE STUDIES

6. 2019 Cyclone Fani (India)

1. Introduction 3. Cyclone Fani (Occurrence)
2. Impact 4. International relief

Information about the Cyclone Fani in brief

7. 1999 Orissa Super Cyclone

1. Bay of Bengal – A Breeding Bay for Tropical Cyclones
2. 1999 Super Cyclone

(II) Practise Map Work of topic covered till date and paste the maps in the project file.

Computer

What is cybercrime? Make a list of at least 10 points to help protect yourself against cybercrime and to stay safe online.

- Holiday homework should be done in computer notebook.
- Paste relevant pictures.

हिंदी

1. माउंट एवरेस्ट फतह करने वाले सभी भारतीय पर्वतारोहियों के बारे में जानकारी एकत्र करके परियोजना कार्य तैयार कीजिए। प्रारूप :क्रमसंख्यानाम चित्र वर्ष राज्य पुरुष महिला यह कार्य A3 शीट पर करें।
2. वर्ण - विच्छेद ,अनुस्वार – अनुनासिक विषयों पर एक- एक कार्यपत्र तैयार कीजिए। यहकार्य A4 शीटपर करे निर्देश :अनुक्रमांक 1-12/13-24/25-36/37-Onwards
3. शब्दों में शक्ति निहित होती है।सकारात्मक शब्दों से हमें मार्गदर्शन,सीख एवं प्रेरणा मिलती है। स्पर्श तथा संचयन के पढ़ाए गए पाठों में से (कोई सात) वाक्य/ वाक्यांश चुनकर A4 शीट पर लिखिए।
4. पशु –पक्षी भी मानवीय प्रेम की भाषा समझते हैं।गिल्लू पाठ में आप ने पढ़ा है।पशु –पक्षियों के प्रति दया-भाव दिखलाने वाला एक आकर्षक ,प्रभावी एवं विषयानुरूप विज्ञापन बनाइए।(A4 शीटपर)
5. ग्रीष्मावकाश के दौरान किसी दर्शनीय स्थल (किसी भी राज्य का) का चित्र पुस्तिका में चिपकाकर उस का वर्णन कीजिए।

संस्कृतम्

१. दैनिक उपयोग की और व्यावहारिक १५० वस्तुओं/शब्दों के संस्कृतनाम तथा ५० संस्कृत-धातुओं (क्रियाओं) का संग्रह करें और उन्हें याद करें।
२. पाँच नीतिश्लोक अर्थसहित लिखें और याद करें।

अथवा

- शेमुषी के पाठ २ में प्रयुक्त सभी सन्धियुक्त पदों का सन्धिविच्छेद करें।
३. शब्दरूप और धातुरूप याद करें तथा उनकी सूची बनाएँ।

French

1. Réviser la grammaire de la classe 8^{ème}.
2. Regardez un film français et faites la revue.(sur une feuille A4)
3. Apprenez une chanson française et écrivez-la sur une feuille A4

***This is subject Enrichment Activity and marks will be added in Internal Assessment.**