

DELHI PUBLIC SCHOOL ALIGARH
HOLIDAY HOME WORK CLASS - IX
SESSION - 2022-2023

SUBJECT- ENGLISH

1) Read any one novel of your choice and write the review in 250-300 words keeping in mind the given

aspects:

- About the Writer
- Summary
- Favourite character
- Analysis

2. Create your own diary in which you will write about one of your virtuous act (at least 5 diaries) which you will do like helping your mother, helping physically disable people or underprivileged. (100-120 words) .

विषय— हिन्दी कोर्स—‘ब’

नोट— सम्पूर्ण ग्रीष्मावकाश का कार्य निर्देशानुसार परियोजना फाइल (Project-File) एवं व्याकरण कॉपी में ही हल करें।

प्र0 1— निम्नलिखित में किसी एक विषय पर **लगभग 20 पंक्तियों** की स्वरचित कविता लिखिए—

(i) हिंदी भाषा (ii) बेटी है अनमोल (iii) मेरा सपना (iv) देशभक्ति पर आधारित

प्र0 2— ‘सरस्वती व्याकरण रचना’ पुस्तक से अनुच्छेद संख्या 1—12 तक से प्रतिदिन एक अनुच्छेद ध्यानपूर्वक पढ़िए और उन्हें व्याकरण कॉपी पर अपने शब्दों में लिखिए।

प्र0 3— निम्नलिखित विषयों से संबंधित फोटो खींचकर परियोजना फाइल (Project-File) पेज पर चिपकाकर उस विषय पर 100—120 शब्दों में चित्र वर्णन कीजिए।

(क) प्राकृतिक दृश्य (ख) भारतीय किसान (ग) भारतीय गाँव (घ) पर्वतीय क्षेत्र
(ङ) किसी भ्रमण यात्रा का वर्णन

विषय — संस्कृत

1- हिन्दी समाचार पत्र या किसी घटना से सम्बन्धित कोई भी दो चित्र छाँटकर उस पर पाँच वाक्य संस्कृत में लिखिए।

2- हिन्दी समाचार पत्र से किन्हीं दस शब्दों का चयनकर उसके वर्णों का वर्ण-विच्छेद कीजिए।

3- व्याकरण पुस्तक से कोई भी दो पत्र छाँटकर मंजूषा की सहायता से रिक्त स्थान भरकर लिखिए।

4- ग्रीष्मावकाश में जहाँ भी भ्रमण हेतु आप जाएँ उसका वर्णन करते हुए दस वाक्य संस्कृत में लिखिए।

SUBJECT- URDU

Select any one contemporary topic of Social or Educational importance. Collect pictures related to that topic from Urdu/ English/Hindi newspaper and from Urdu Magazine also (Mahnama Umang, Bachcho ki Duniya- latest issue) and prepare a Scrap Book. And also prepare a report on the same topic. (300 words limit)

OR

Prepare a Chart Paper which will be decorated and write ISM (Noun) aur uski qismien & Sifat aur uski qismien.

SUBJECT- MATHS

1. Plot on number line making spiral diagram.
2. Write a (i) rational number which is not integer (ii) prime number which is not odd (iii) integer which is not natural number.
3. Learn three Vedic Ganit Sutras and do three - three questions using each sutra.
4. Write any quadratic polynomial which can be solved using any identity. Solve it using identity and also show that the same factors will be obtained if it is solved by mid term split method.
5. Do all solved examples of chapters 1, 2 and 6 from NCERT Text Book and NCERT EXEMPLAR (based on the syllabus given by CBSE for session 2022 - 23).

NOTE: 1. Do above work in a separate thin notebook.

SUBJECT- SCIENCE

PHYSICS

1. Using basic concepts of physics, Make a working model on any renewable resources of energy. Solar energy , Hydro energy , wave energy , Wind energy , Geothermal energy , Biogas plant , Tidal energy
- 2 . Plan to go to a place by a vehicle. Take readings of odometer and speedometer after every 5 minutes till you reach your destination. Record these observations in tabular form; plot graphs between distance-time and speed time. State whether this motion is uniform or non-uniform.

CHEMISTRY

- 1-In an A-4 chart paper write formulae, chemical names of 20 simpler compounds in a tabular form.
- 2 -Write the difference between following:
 - I. Elements and compound
 - II. Homogeneous mixture and heterogeneous mixture
 - III. Metal and non metal

BIOLOGY

- 1- Prepare a chart of compound microscopes, showing different parts with their functions.
- 2- Perform an activity to show the process of endosmosis, exosmosis when you are taking raisins and putting them in hypertonic solution, isotonic solution and hypotonic solution.
- 3- Collect the information about chromosome number of organisms known to you.
- 4- Study the basic difference between animal and plant cell.

SUBJECT- SOCIAL SCIENCE

TOPIC: GETTING ACQUAINTED WITH DISASTER MANAGEMENT

Select ANY ONE of the following disasters:

- Earthquakes
- Floods
- Cyclones

Cover the following heads:

DISASTER STRIKES

EMERGENCY RESPONSE AND RELIEF

REHABILITATION AND RECONSTRUCTION

MITIGATION

PREPAREDNESS

Guidelines

The total length of the project report will not more than 15 hand written pages of A-4 size.
The project report will be presented in a neatly designed Biodegradable File.
The project report will be hand written and credit will be awarded to original drawings, illustrations/maps and creative use of materials.

Format of the Project

The project report will be presented in the following format:

COVER PAGE –Showing project title, student information, school and session/year.

LIST OF CONTENTS- showing page numbers.

ACKNOWLEDGEMENTS – Acknowledging the institution, teachers, offices and libraries visited and person(s) who have helped you.

PROJECT OVERVIEW –Purpose, aim, methodology and experiences while doing the project.

CHAPTERS – Use relevant headings.

SUMMARY AND CONCLUSION –Based on findings and may also include some suggestions.

BIBLIOGRAPHY –Should have the title, pages referred, author, publisher, year of publication and if a website, the name of the website which has been consulted. All the photographs and sketches should be labeled and well acknowledged.

SUBJECT- COMPUTER

Look at the word processor you use at your school and at home. Create a professional '**Visiting Card**' from your father or school principal or any one known to you. Try to bring all the effects that are there on a professional business-card.

OR

Design a brochure listing your school's achievements and feats in various fields. *Submit the same as softcopy at following email IDs:*

IX A rajeevkushwaha@dpsaligarh.org

IXB harshvardhan@dpsaligarh.org

SUBJECT- ART

Make a Poster on **"Yoga Day"** and colour it in any medium. (In your Art File Or on A3 chart sheet.)
