

Holidays Homework (Summer Vacation) 2018
Class- IX
MATHS

1. Chapter 1 – Number System
Do Ex. 1.1 – 1.4 from NCERT Exemplar Book
2. Chapter 2 – Polynomials
Do. Ex. 2.1 – 2.4 from NCERT Exemplar Book
3. Chapter 3 – Co-Ordinate Geometry
Do Ex. 3.1 – 3.4 from Exemplar Book
4. Chapter 6 – Lines and Angles
Do Ex. 6.1 – 6.4 from Exemplar Book
5. Prepare a project report (5 – 6 pages) from the topic Number System

CLASS IX
ENGLISH HOLIDAYS HOMEWORK

I. E-Mail Writing

Write the format of an e-mail in A3 size sheet. Write an e-mail to your friend telling him how you plan to spend the holidays and take out the print out of the mail sent.

II. FORMAL LETTER

Write the format of a formal letter on A3 size sheet. Write a letter to the editor of Times Of India on the issue related to the present day education system.

III. Collect any five news items on the given issue. Comment on any two in 150-200 words.

- A. Environmental issue
- B. Technological development**
- C. Women centric

Class- IX
Social Science

Guidelines for the project:

- a. Project to be done on A4 size sheets.
- b. Project should be handwritten (20-25 pages).
- c. On the first page Student Performa to be given- Name, Class, Roll. No., Name of the school, Year of Submission and Topic.

- d. Acknowledgement
- e. Content or Index
- f. At the last, bibliography or references
- g. Newspaper cuttings, maps, diagram, illustrations are must.

Q.1 Project: Make a project report on the cultural richness of **any one** of the following regions of India. Also, highlight the similarities it shares with other regions. Use appropriate pictures to justify the content of your project.

- a. Northern
- b. Southern
- c. Eastern
- d. Western
- e. Central

(Hint: Cultural diversity includes; geographical diversity, diversity of food, clothing, language, religion, etc)

Q.2 It is said that farming/agriculture forms the backbone of villages of India. What are the other activities which are carried out in the villages of our country? Write a brief note on the farming and non farming activities carried out in the villages, in your notebook (Geography/Economics).

(Hint: Activities such as farming, animal husbandry, small scale manufacturing, dairy, transportation etc. Add more examples of activities in your assignment)

Q.3 Revise the covered syllabus for Periodic Written Test- I.

प्रभु दयाल पब्लिक स्कूल
ग्रीष्मावकाश गृहकार्य (2018-2019)

कक्षा-नवीं

विषय-हिंदी

प्र०1) सात दिनों के हिंदी समाचार-पत्रों को पढ़कर निम्नलिखित कार्य कीजिए-
क) प्रतिदिन अनुस्वार, अनुनासिक व नुक्ता युक्त 5-5 शब्द छाँटकर लिखिए ।

ख) प्रतिदिन 5 शब्द छाँटकर उनका वर्ण-विच्छेद कीजिए ।

प्र०2) यदि कभी आपने किसी वृद्ध या वृद्धा की घर से बाहर सहायता की हो तो अपने उस अनुभव का वर्णन कीजिए।

प्र०3) ज़्यादा खरीदारी की आदत से अकसर घर का बजट बिगड़ा रहता है। हमें अपनी आय के अनुसार खर्च करना चाहिए। इस विषय पर छोटे भाई को सावधान करते हुए पत्र लिखिए।

प्र०4) अपनी पसंद के किन्हीं दो उत्पादनों के लिए आकर्षक विज्ञापन तैयार कीजिए।

नोट: समस्त कार्य ए-4 शूट पर कीजिए एवं एक फ़ाइल में संकलित कीजिए।

CLASS IX
SUBJECT : COMPUTER APPLICATIONS

Q.1. Create a Poster in MS-Word which can be displayed on the bulletin board on any one of the topics given below:

(a) Internet of Things (b) Artificial Intelligence (c) Machine Learning (d) Robots

Q.2. Make a calendar of 2018 in MS-Excel using Autofill feature for dates/days/months.

Q.3. Suppose you are assigned to teach moral values to class VI students. Make a PowerPoint presentation of at least 10 slides on moral values that you will teach to those students.

Q.4. Create an E-mail account on GMAIL. Your username should include your name(eg. **amit**) followed by **pdps** followed by **2018** followed by **ix** followed by your section(eg. **b**) followed by your rollno.(eg. **32**) i.e. amitpdps2018ixb32@gmail.com

Attach your holidays homework files and send it through this e-mail id it to your teacher.

NOTE : You may take help of internet for doing your holidays homework. Plagiarism is not allowed.

SCIENCE CLASS IX (2018-19)

Note: *Do all questions in a separate notebook or folder.*

PHYSICS/CHEMISTRY

- Q.1 During summer break plan to go to a place by a vehicle. Take readings of odometer and speedometer after every 10 minutes till you reach your destination. Record these observations in a tabular form. Plot graph between distance-time and speed-time. State whether this motion is uniform or non-uniform. Find out the reasons for such kind of motion.
- Q.2 Now a days scientists are talking about five states of matter. Describe all these states and write their properties.
- Q.3 Make a project report on methods to purify water and water conservation.
- Q.4 Make a project report on bio-fuels including what are bio-fuels and how are they made? Write their pros and cons.

BIOLOGY

- Q.5 Collect information about any three communicable and three non-communicable diseases. Present this formation in a folder with illustrations, pictures and photographs. What are communicable and non-communicable diseases, their signs, symptoms and preventions?