

PRABHU DAYAL PUBLIC SCHOOL

HOLIDAYS HOMEWORK (2018-2019)

CLASS X

SCIENCE

BIOLOGY

Prepare a report on any one of the topics-

1. Hypertension its causes and consequences.
2. Heart transplant technique- its story in India.
3. Nephrons and their role in our body.

PHYSICS / CHEMISTRY

1. Make a survey report on the group of people in your locality having problem in their vision (farsightedness/ near sightedness), their symptoms, correction and types of spectacles they use.(Draw ray diagram for the same)
2. List the advantages of parallel combination over series combination in your domestic household electric circuit.
3. List the acids and bases that combine to form given salts:
Copper sulphate, Sodium chloride, Silver nitrate, Ammonium chloride, Calcium carbonate, Ferrous sulphate, Magnesium chloride, Zinc sulphate, Ferric chloride and Potassium nitrate.

**Class X
Social Science**

- I. Show the difference between the urbanisation in two different cities focus on Bombay and London – through pictorial evidence and write up in your History registers.
- II. Revise the covered syllabus for PWT-I
- III. Locate on a political map of India the following-:

Congress sessions – September & December 1920, Ahmedabad, Madras, JallianwalaBagh, ChauriChaura, Kheda, Champaran, Bardoli, Awadh, Dandi, Surat.
- IV. Make a poster on Pollution of water. Keep the following points in mind-
 1. Use chart Paper (A-3 sheet)
 2. Use slogans and pictures.
- V. Revise the Geography/ Economics Syllabus for PWT-I.

Class X

Mathematics

- A. Do the following exercises from the book 'N.C.E.R.T. Exemplar'
1. Chapter 1 Real Numbers – Ex 1.1, 1.2, 1.3, 1.4
 2. Chapter 2 Polynomials – Ex 2.1, 2.2, 2.3, 2.4
 3. Chapter 3 Pair of Linear Equation in two Variables – Ex 3.1, 3.2, 3.3, 3.4
 4. Chapter 13 Statistics and Probability – Ex 13.1, 13.2, 13.3, 13.4
- B. Search for five Vedic Maths formulae and make a chart on them.

COMPUTER APPLICATIONS

TOPIC : MS ACCESS

Ques. 1 Answer the following questions:

1. Explain Relational Database Management System.
2. Ms-Access is an example of DBMS or RDBMS.
3. What is the name of the field of a table which uniquely identifies a record?
4. To what length a text field can store the data?
5. What happens when you enter numbers in Text data type field?
6. What is the need of a database? Discuss briefly.
7. Write one example each of fields for which you would use – Number Data Type and Date/Time Data Type.
8. Differentiate between Text and Number Data type with example.
9. How fields and records are related with each other? Explain with suitable example.
10. What do you understand by Queries?

Ques. 2 Write the steps for the following:

1. To set the Primary key
2. To sort a field in an ascending order
3. To add a record in a table
4. To delete a record in a table
5. To delete a field in design view
6. To insert a field in between two fields in design view

Ques. 3 Design a table for the Library database of your school. Analyze the data required to be stored in this table and accordingly create fields and records in it. Name the field which can be set as a Primary key of the table and give the reason for selecting it. The table should contain a minimum of 5 relevant fields and 10 records in it.

Ques. 4 Study the following data and answer the questions given below:

Table – Patient

<u>Name</u>	<u>Patient id</u>	<u>Date of Admission</u>	<u>Doctor id</u>	<u>Department</u>
Mohan	P_101	21/1/2013	301	Heart
Priya	P_102	21/1/2013	132	Neuro
Suraj	P_103	23/1/2013	204	Brain

1. Suggest the data types that should be used for each of the fields mentioned above.
2. Suggest a field from the above table, which can be set as a Primary Key.

Note:-Do Q 1 to 4 on A4 size sheets and arrange them in folder)

CLASS – X

ENGLISH

Q 1. Read the novel ‘The diary of a young girl’ as prescribed by CBSE.

Write character sketch of the following characters in about 100 words: -

- Otto Frank
- Peter Van Daan
- Mr. Kugler
- Margot Frank

Q2. Write your experience of visiting a holiday destination during your vacations in the form of a diary entry. (120-150 words)

Q3. Write a short story (150-200 words) with an opening line: -

‘One day I walked into my house and I was shocked to see.....

Q4. Attempt unit 3 and 4 in work book.

Q5. Revise syllabus covered in the month of April and May.

(Homework should be done in a separate note book)

प्रमुदयाल पब्लिक स्कूल
कक्षा दस
विषय हिंदी
ग्रीष्मकालीन अवकाश गृहकार्य

अवकाश ! ग्रीष्मकालीन अवकाश ! नाम सुनते ही मन बलियों उड़लने लगता है। ग्रीष्मकालीन अवकाश अक्सर है विद्यार्थियों को स्वयं को संवारने का, स्वयं में द्विपी प्रतिभा को पहचानने का। आइए बच्चों, इस अवकाश का सदुपयोग कर लिया जाए और स्वयं में एक नवीनता विकसित कर ली जाए। दिया जा रहा कार्य रुचिकर तो है ही सान्निध्यपूर्ण भी है।

1. समाज व देश की सुधारने के लिए हमारे माननीय प्रधानमंत्री जी ने अनेक योजनाएँ आरंभ की हैं जैसे 'बेटी बचाओ, बेटी पढ़ाओ', कुशल भारत कौशल भारत, स्वच्छ भारत अभियान आदि; इनमें से किसी एक योजना को चुनकर संबंधित एक चित्रपरक रिपोर्ट तैयार कीजिए।

2. दिए गए विषयों पर संवाद-लेखन तैयार कीजिए:

- i. माँ-पिता व बच्चे के बीच 'अनुशासन की आवश्यकता' पर संवाद;
- ii. दो मित्रों/सखियों के बीच 'समाज के गिरते स्तर' पर संवाद;
- iii. दो मित्रों/सखियों के बीच 'दसवीं कक्षा में' की जाने वाली तैयारी' पर संवाद;
- iv. माता-पिता व बच्चों के बीच 'अच्छे व बुरे स्पर्श' पर संवाद;
- v. दो मित्रों/सखियों के बीच 'भारत की बढ़ती हुई उज्ज्वल दृष्टि' पर संवाद

3. दिए गए विषयों पर अनुच्छेद लिखिए: 80-100 शब्द:

- i. राष्ट्रमंडल खेलों में भारत की स्थिति

- ii. पर्यावरण और ग्लोबल वार्मिंग;
- iii. समय बहुमूल्य है;
- iv. इंटरनेट; एक संचार-क्रांति
- v. नैतिकता का गिरता स्तर

4. राष्ट्रप्रेम/देवप्रेम पर आधारित पाँच काव्यांश लिखकर उनपर आधारित प्रश्नों के उत्तर लिखिए।

5. अप्रैल-मई माह में पढ़ाया गया सारा पाठ्यक्रम आने वाली परीक्षाओं के लिए तैयार कीजिए। साथ ही उन पाठों को भी पढ़ लीजिए जो पाठ्यपुस्तक में दिए गए हैं।

हिंदी के अवकाश कार्य के लिए एक पुस्तिका अलग तैयार कीजिए।