

Holiday Homework 2017-18

Class – 10th

Chemistry

- Q1. Make a chart showing long form of Periodic Table with names, symbols, At. no written in each square and colour it differently to show its various parts.
- Q2. Make 3D models of Methane, Ethane, Ethene and Ethyne.
- Q3. Write the formulae of the salts of (at least 10 each)
- Chlorides
 - Sulphates
 - Carbonates
 - Nitrates.
- Q4. Make a table of indicators showing the colour changes that they cause in acids / bases and write about the olfactory indicators also.
- Q5. Write equations (5 each) for the following (other than already done).
1. Displacement reactions.
 2. Double displacement reactions.
 3. Exothermic reactions.
 4. Endothermic reactions.
 5. Decomposition reactions.
- Q6. What is meant by salt ? Write all the categories of salt with 3 examples each.

Physics

- Revise Chapter – Reflection and Refraction.
- Human Eye
- Do numerical based on mirror and lens formula from any other (extra) book (other than NCERT).
- In Lab manual draw Path of Rays through a glass slab. Give activity.

XE & XF

- On Chart draw ray diagram for concave mirror (all six positions) & convex mirror. Odd Roll No.s
- On Chart draw ray diagram for convex mirror (all six positions) & concave lens. Even Roll No.s

Biology

1. Revise the chapter "Life Process"
2. Practice and draw the following diagrams :-
 - i) Digestive system, respiratory System and Excretory System in Humans
 - ii) Section of Human Heart.
 - iii) Structure of Nephron
 - iv) An open and closed stomata, details of tissue in leaf and structure of chloroplast
3. Write twenty Multiple choice questions from the chapters : "Life Process and control & Co-ordination".

Maths

1. Revise chapters 1,2,3 and 4
2. Do extra questions from any refresher on a separate notebook (20 questions from each chapters)
3. Class XA and XD will make charts on Linear equation in two variable.
4. Class XE and XF will make charts on Indian mathematician. Paste Photograph
5. Class XB and XC will make charts on Pythagoras Theorem

FOUNDATION OF INFORMATION TECHNOLOGY

Database Design

A. By using open office database

1. create a new database under name "Personal Data"
2. create a table with the following fields in base.

FIELD NAME	DATA TYPE
S.NO	NUMBER
NAME	TEXT
FATHER'S NAME	TEXT
MOTHER'S NAME	TEXT
D.O.B	DATE
ADDRESS	TEXT
PHONE NO.	NUMBER
HOBBY	TEXT

3. Create a primary key for field name S.No
4. Save the table with name "PERSONAL DATA"
5. Open the table in data sheet view
6. Enter your personal data and any 2 or 3 members of your family's data.

- save the table and take the print out of it.

B. By using open office database

create a new database under name "Class Result".

- Create a table with the following fields in base :

FIELD NAME	DATA TYPE
ROLL NO.	NUMBER
NAME	TEXT
FATHER NAME	TEXT
CLASS	TEXT
SECTION	TEXT
TERM	NUMBER
English	Number
Hindi	Number
Maths	Number
Science	Number
SST	Number

- Create Primary Key for field Name "Roll No."
- Save the table with name "Class Result"
- Open the table in Data sheet View
- Enter the data for 10 students of your Class
- Save the table and take the printout of it.

C.1. Create a database & name it "Employees database" and enter following field names.

FIELD NAME	DATA TYPE
PF No.	Number
Employee's Name	Text
Designation	Text
Father's Name	Text
Basic Pay	Number
DA	Number
TA	Number
HRA	Number
Other Allowance	Number
Deduction	Number

- Create primary key for field Name "PF No."
- Save the table with name "Emp data"
- Open table in data sheet view and insert the data for 5 employees

- Save the table and take the print out of it.
- Web Page Design :
Write the HTML code to generate a web page on the following topics.

- A. My Home Page
- B. My School
- C. My family
- D. Environment (Save Energy) and Pollution (Global Warming)

You are supposed to make an IT application Report file containing all the 3 HTML Source Code along with browser view.

English

1. Revise all that has been covered so far.
2. Solve all integrated grammar practice on Workbook.3.
3. Solve comprehensions of Units 1 and 2 on Main Course Book.
4. Watch an English movie and write review in 100 words.
5. Give factual description of any one place you are planning to visit this summer break in 100 words.
6. Read any one novel prescribed by CBSE and write pen portraits of the main characters.
7. Paste two cuttings each of the following from newspaper or magazine:
8. Letter to the Editor, Article, Short Story and Obituary
9. Write an Article on Corruption in public places and institutions in India in 200 words.
10. Write a story in 200 words using the given beginning:
11. The doorbell rang. Sunil opened the door. At first he could not recognise the tall and well-dressed man who stood before him. Then the man spoke and all of a sudden.....
12. You are Aamir of Hyderabad. You are not happy with the sanitary conditions of your locality. Using the given hints together with your own ideas, write a letter to the Editor of a national daily showing your deep concern and dismay at the pitiable sanitary conditions of your area.
 - a. Hints: sanitary conditions deplorable... heaps of garbage...drainage blocked...no dustbins...sweepers don't visit regularly...water logging...mosquitoes...
 - b. Note: Home work to be done on fair notebook.

HINDI

- 1.कक्षा में पढाए गए विषयों की पुनरावृत्ति ।
- 2.संवाद लेखन (कोई - पाँच)
- 3.अनुच्छेद लेखन (कोई - पाँच)
4. औपचारिक - पत्र (कोई - पाँच)
- 5 .सूचना लेखन (कोई - पाँच)
- 6.वज्ञापन (कोई - पाँच)
- 7.हिन्दी - समाचार पत्र प्रतिदिल पढ़िए ।

S.St

- 1.Revise all the chapters completed so far.
2. Make 10 questions and write their answers also of 1 mark from all the chapters completed in SST so far in separate holiday's homework notebook.

Assignment

1. Collect information on, How industries are polluting our water resources (Jammu City) should be considered as case study and also suggest ideas to control water pollution. This assignment is to be done on holiday homework notebook.

Disaster Management Project**Topic: Alternative Communication system during disasters****Subtopics:**

1. Telecommunication today
2. Why communication network disrupted
3. Need for alternative communication lives
4. Prime communication networks of Government of India.
5. Modes of emergency communication
6. Amateur (HAM) radio.
7. To be done in office file and not in plastic file.

Art & Craft

Glass Painting or Best out of discarded material.