

HOLIDAYS HOMEWORK
CLASS: XII (2017-18)

ENGLISH

- Assignment on LAST LESSON and DEEP WATER (Uploaded on SMS)

PHYSICS

- Assignment on Unit1- Electrostatics (Uploaded on SMS)
- Project based on C.B.S.E Exam topics are selected by student

CHEMISTRY

- Assignment on chapters completed (Uploaded on SMS)
- Project report on topic selected by student (List Uploaded ON SMS)

BIOLOGY

- PROJECT WORK
 - Project for biology practical (based on C.B.S.E exam topics to be selected by student)
 - Minimum of 20 pages project.
 - Project should be hand written.
 - Colour pages in stick file may be used.
 - Acknowledgement, certificate, index and bibliography are to be added.
 - Colour pictures and handmade diagrams are appreciated.
 - Red colour pen, sketch pen , highlighter should be avoided.
 - Topics of project should be prepared well for the viva in practical.
- Assignment

BIOLOGY ASSIGNMENT

1. Fresh water animals are unable to survive for long in sea water. Give reason.
2. Define diapauses.
3. Which strategy is adopted for overcoming stress for a limited period of time?
4. What do phytophagous insect feed on?
5. Why do leaves contain sunken stomata?
6. Define homeostasis?
7. What is allen rule?
8. What does "J" shaped curve indicate?
9. Name the mechanism adopted by Ophrys to get its flower pollinated?
10. Differentiate between sere and seral communities.
11. Define stratification.
12. What do you mean by standing crop?

13. Give the similarities between hydrach and xerach succession.
14. Expand IUCN, MAB.
15. Explain co-extinction with suitable example.
16. List out the differences between exsitu and insitu conservation?
17. What do you mean by IPR? What are the drawbacks of IPR?
18. Write a note on inverted pyramid taking a suitable example.
19. What is decomposition? Describe the different process involved in decomposition.
20. What is 10% law. Explain.
21. $GPP - R = NPP$ Explain.
22. Write a note on biomagnifications.

MATHEMATICS

- Assignments for the following have to be done in Mathematics Note book
 - Relation
 - Functions
 - Differentiation
- Two sample practice papers based on the complete book 1

Note : Sample papers and Assignments will be uploaded on the SMS portal

HOME SCIENCE

- Visit any one place (home/restaurant/school/business centre) and observe its measure for general conditions of hygiene. (Use questionnaire). Write a report on the same.
- Visit any one place (home/restaurant/school/business centre) and observe its measures for safe drinking water. Write a report on the same.
- Collect the following forms from a bank and learn to fill these: account opening form, deposit slip, withdrawal slip, account payee cheque, bearer cheque.

COMPUTER SCIENCE

- Questions based on revision tour of C++ of previous 10 years question papers*.
- Output questions based on random function of previous 10 years question papers*.
- Output questions based on based on classes and objects from previous 10 years question paper*.
- Error questions from previous 10 years question papers*.
- Questions from Previous 10 years question paper related with classes and objects*.
- Project – selection and discussion (Refer to CBSE curriculum)
- Presentation based on Classes and Objects, Constructors and Destructors, Function Overloading and inheritance.

Note: Assignment/Question Papers have been uploaded on the SMS

MULTIMEDIA AND WEB TECHNOLOGIES

Create a web site on any one of the following topics:

- different types of viruses.
- security issues in Wireless Communication.
- latest gizmos.
- various compression formats and their impact on Multimedia.
- different measures to be cyber secure
- uses of open source software

Please Note: It should be based on the content prescribed in the book. Stay away from plagiarism.

Instructions:

1. Website should be of atleast 4 pages (menu driven) including the home page.
2. Incorporate all important tags of HTML learnt in class XI
3. Format your web pages using CSS
4. Website would be judged on creativity, content, judicious use of various HTML tags, overall impact.

FINE ARTS

- Practical
 - Make street scene with perspective in pencil shading .
 - Make a land scape with perspective view with free hand in water colour.
 - Make a scenery with pencil colour.
 - Draw a village scene with poster colour.
 - Make a story board with ink pen, you can use cartoons.
- **THEORY**
 - Chapter : The Rajasthan and Pahari school of miniature painting.(Revise)

PHYSICAL EDUCATION

- Practical File Work
 1. Following sub topics related to any one game of choice of students out of these discipline- athletics, basketball, football, handball, hockey, kho-kho, rifle-shooting, volleyball.
 - a) History of game.
 - b) Latest general rules and regulation.
 - c) Diagram of measurement of play field and specification of related sports and equipment

- d) Important tournaments and venues.
 - e) Sports personalities
 - f) Terminologies
2. Modified AAHPER administration of all items.
 3. Procedure of Asanas, benefits and contradictions of any five asanas of each lifestyle disease.
 4. Procedure of administering senior citizen's fitness test for five elderly family members.
- Assignments for the following have to be done in Physical Education Note book
 - Chapter 1: Planning in Sports
 - Chapter 2: Sports and Nutrition
 - Chapter 3: Yoga and life style
 - Chapter 5: Children and Sports
 - Chapter 6: Woman and Sports

Note: Assignments for the above have been uploaded on SMS