



D.A.V. PUBLIC SCHOOL

Bazpur, U S Nagar, Uttarakhand-262401
Affiliated to CBSE, New Delhi

HOLIDAY HOMEWORK ASSIGNMENT OF CLASS –XII SCIENCE

ENGLISH:

1. Read the chapters and the poems of Flamingo and Vistas and find out the underlying values in each chapter and poem. 30
2. Watch any movie of your choice and give your comment as a critic. 20
3. Write commonly used Phrases and Idioms (minimum 10) 20
4. Prepare a school magazine and cover the activities which were held in your school and also add your literary creation.(Group Activity) 30

PHYSICS:1- DERIVE THE EXPRESSION FOR ELECTRIC FIELD INTENSITY FOR AN ELCTRIC DIPOLE IN AXIAL AND EQUOTRIAL LINE. 20

2- GAUSS LAW AND ITS APPLICATION . 20

3- LOSS OF ENERGY DURING SHARING OF CHARGES . 20

4- PART A- RELATION BETWEEN CURRENT AND DRIFT VELOCITY . 10

PART B-- RELATION BETWEEN ELECTRIC FIELD AND DRIFT VELOCITY IN TERMS OF RELAXATION TIME . 10

5- PART A –KIRCHHOFFS LAW AND FOUR NUMERICALS BASED ON IT. 10

PART B- METRE BRIDGE AND POTENTIOMETER AND ITS APPLICATION. 10

MATHS :

Ex -3,4 page no 3,Ex 17,19 page no 13, Ex 11,12,13 14,15,16 of Ex -4.2 , Ex 32,33,34 page no 138,139 (25)

Ex -32,33 page no 176 , Ex – 35, 36, 37 page no 180 , Ex 38, 39,40 ,41page 182 & 183 (25)

ACTIVITY:- 1.To verify that the relation R in the set L of all lines in a plane defined by R (25)

$=\{ (l,m) : l \perp m \}$ is symmetric but neither reflexive nor transitive.

ACTIVITY :-2 To demonstrate a function which is one- one but not onto. (25)

Biology:

1:-Write two questions and answer daily chapter wise (1to4) and learn by heart.

(2x30=60)

2:-Learn by heart and write-

Topics-

A:-Development of megasporophyte and microsporophyte

B:-Male and female reproductive system human and STDs

C:-Gametogenesis

D:-Pollination

E:-Contraception's

3:- Make an investigatory project from any topic in your NCERT Biology book.

INSTRUCTIONS :-(a)-Write the project report on A4 size plain paper in your own hand writing.

(b)-Draw concerned colorful pictures.

(c)- The project should contain certificate, acknowledgement, index concerned information and bibliography.

IP :

1. Make one table related to employee record and apply at-least 20 queries. (20)
2. What do you understand by My SQL? Write some key feature of SQL. (4)
3. Write a short note on Primary Key, Foreign Key, Alternate Key and Candidate Key. (4)
4. Search some data on Open Office Software and ProprietarySoftware and write on both. (6)
5. Write on different types of topologies. (6)
6. Write on different properties and methods of java IDE components. (20)
7. Write atleast five programs in java. (20)
8. Make power point presentation on "Networking". (10)
9. What is Client/Server technology in My SQL Server? (4)
10. Write on DDL, DML, TCL. (6)

PHYSICAL EDUCATION:

Physical Education:-

1. Make a project report on IPL 2018.(25)
2. Make an assignment on any one game according to syllabus.(25)
(Volleyball, Football, Hockey, Handball, Basketball)
3. Explain the tournament and it's importance.(25)
 1. Knock out tournament

2. League tournament
3. Challenge tournament
4. Combination tournament.

4. Define the balanced diet. It's importance, factors affecting the balanced diet also
Nutritive and non nutritive diet. (25)
Note: All project report should not less than 10 pages.

NOTICE:- ALL WRITTEN WORK DONE IN FILE PAGES

Academic Co-ordinator
Principal