

J.K.G. INTERNATIONAL, VIJAY NAGAR, GHAZIABAD
HOLIDAY HOMEWORK
CLASS XII-SCIENCE

Learning shouldn't be confined to the walls of the classroom. The classroom teaching and learning process must integrate with the world outside it. This holiday homework is specially designed in the hope that students will gather knowledge about different aspects.

ENGLISH

1. Make a poster on any one of these topics on A4 size sheet.
 - a. Digital world
 - b. International friendship
 - c. Health and hygiene
2. Prepare a news paper with the help of important news headlines printed in the newspaper.
3. Read the first 10 chapters of the novel THE INVISIBLE MAN and prepare a flow chart of major incidents that strike you the most.
4. Write an article on the topic 'Role of present ruling party in the upliftment of our country "INDIA".'
5. Write an article ,poem or a story of your own for publication in the class magazine on A-4 sheet.

HINDI

1/4 1 1/2 lwjnl vFkok rpylnkl dk thou ifjp; fy[ksa ,oa izeq[k in~;ka'kksa dks fy[kdj fpf=r dhft,A (on A-3 sheet)

1/4 2 1/2 fo[ky; dh if=dk gsrq Lojfr dksbZ dgkuh] dfork] ;k=k fooj.k ;k vU; dksbZ ys[k fy[ksaA(on A-4 sheet)

1/4 3 1/2 ^^fgUnh fnol** ij ,d iksLVj 1/4jaxhu1/2 rS;kj dhft,A (on A-3 sheet)

1/4 4 1/2 yM+fd;ksa dh f'k{kk gsrq fd, tkus okys iz;klksa dks dksyKWt }kjk iznf'kZr dhft,A(on A-3 sheet)

PHYSICS

1. Solved all Examples from NCERT BOOK of chapter 1 , 2, 3 , 4 in your holiday homework copy.
2. Learn and practice questions of exercises of chapters 1, 2 3, 4 of NCERT text book.
3. Solve the questions of chapters 1, 2, 3, 4 from CBSE BOARD paper from 2015 to 2017 in a separate notebook.

CHEMISTRY

1. Do all previous year board ques of chapter 1, 2, 3, 4 & 16 in assignment notebook.
2. Prepare investigatory project file for AISSCE-2018 under the title of:
 - Certificate • Acknowledgement • Why this was selected? (related to daily life) • Introduction • Details of the project (research related to the topic) • Experiment (detailed manner including procedure) • Observations • Analysis • Result • Bibliography (mention the links)
3. Practice for the following topics in chemistry notebook:
 - a) Nomenclature (minimum 20 organic compounds)
 - b) Mechanisms done in organic chemistry
 - c) Minimum 15 pairs of compounds for distinguishing between covering all the chemical tests done(Heisenberg, lucas, carbylamine, iodoform, 2,4-DNP , neutral FeCl₃ test, bromine water test etc)
 - d) Name reactions(all)
 - e) Word problems(minimum 10)
5. Obesity and Antibiotic resistance are most common health problem now days. Make a survey in your locality and prepare a report on it. Also suggest methods for controlling the same. Make a ppt for the same. Take reference from chapter "Chemistry in everyday life".

BIOLOGY

1. Prepare a project file for AISSCE -2018 under the title of -
 - Certificate • Acknowledgement • Why this was selected? • Introduction • Details of the project (research related to the topic) • Observations • Report • Bibliography (mention the links).
2. Do all the questions of previous year of board exam (2012 onwards) in assignment n/b of those chapters which are done in class.

INTEGRATED PROJECT:

Bring the material related to the topics as instructed by your teacher for science exhibition.

Topic	Class and Roll No.	Topic	Class and Roll No.
Use of Mathematics in English	XII A (1-6)	Transport / E.M.	XII B (13-18)
Use of Mathematics in Daily Life	XII A (7-12), XII B(1-6)	Green India	XII B (19-25)
Energy conservation	XII A (13-18), XII B(7-12)	Global warming reduction	XII C (1-6)
E.M.	XII A (19-24)	Health and Hygiene	XII C (7-12)

Waste Management	XII A (25-30), XIIC(31-35)	Conservation of Natural Resources	XII C (13-18)
Industrial Management	XII A (31-36)	Magnetism	XII C (19-24)
Transport	XII A (37-41)	Digital India	XII C (25-30)

MATHEMATICS

1. Bring the material for exhibition related to mathematics.
2. Solve 5 years board questions of chapter 2,3,4 and 5 in a separate notebook.(from 2013 to 2017)

PHYSICAL EDUCATION

- Prepare your Board Practical File based on the following points :-
- Physical fitness- AAPHER
- Athletics Middle and long distance race and throws.(Any two events)
- Health fitness activities- Asana/ Swiss ball/ Aerobics.
- Draw a neat diagram of field/ court any one game (Basketball,Hockey,Kho-Kho, Volleyball)

(i)History of the game	(ii) Latest general rules
(iii) Specification of play playfield and related sport equipment	(iv) Fundamental skills of the game
(v) Related sports terminologies	(vi) Sports award
(vii) Important tournament and venues	(viii) Specific exercises of warm up
(ix) Common sports injuries and its prevention	(x) Sports personality

INFORMATICS PRACTICES

Make a separate notebook for Holiday Homework.

Do the following questions in Serial order.

- 1) If a database "Employee" exists, which MySql command helps you to start working in that database?
- 2) Sahil created a table in Mysql. Later on he found that there should have been another column in the table. Which command should he use to add another column to the table?
- 3) Pooja, a students of class XI, created a table "Book". Price is a column of this table. To find the details of books whose prices have not been entered she wrote the following query : Select * from Book where Price = NULL; Help Pooja to run the query by removing the errors from the query and rewriting it.
- 4) Rama is not able to change a value in a column to NULL. What constraint did she specify when she created the table?
- 5) The Last Name column of a table "Directory" is given below:
Based on this information, find the output of the following queries:
(a) SELECT lastname FROM Directory WHERE lastname like „_a%“;
(b) SELECT lastname FROM Directory WHERE lastname not like „%a“;

<i>LastName</i>
Batra
Sehgal
Bhatia
Sharma
Mehta

- 6) A table "Stock" in a databse has 5 columns and contains 17 records. What is the degree and cardinality of this table?
- 7) Which command is used in MySql to make the changes in database permanent?
- 8) While creating table „Customer" Simrita forgot to set the primary key for the table. Give the statement which she should write now to set the column „CustID" as the primary key of the table?
- 9) what is the purpose of following SQL query:
SELECT MAX(salary) FROM Emp;
- 10) Can a table have multiple primary keys? Can it have multiple foreign keys?
- 11) In a Student table, out of RollNumber, Name, Address which column can be set as Primary key and why?
- 12) The Item_No and Cost column of a table "ITEMS" are given below:

ITEM_NO	COST
101	5000
102	NULL
103	4000
104	6000
105	NULL

COMMERTIAL ART

- 1-- Prepare any four compositions on following theme--
Mall scene/ Diwali festival /story illustration /object drawing in colour /modern painting
- 2-- Prepare any three educational poster on following theme - Save girl child /Save electricity /New vision of India /Blood donation
- 3--One poster on global environment pollution on A-3 Sheet.

4-- Anything with creativity:- Jewellery (Roll No. 1-5), Pot Decoration(Roll No. 6-10), Large Diya Decoration(Roll No.11-15), Bandanwar(Roll No. 16-20), Paper Bag with decorative in A-4 size(Roll No. 21-25), Kandeel (Roll No. 26-30), Wall hanging(Roll No. 30-35), Creativity with CD(Roll No. 36 onwards)

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HOLIDAY HOMEWORK
CLASS XII-COMMERCE

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ENGLISH

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ACCOUNTANCY

1. Prepare a project file based on comprehensive problem(pages 20-25 including attractive cover page, certificate, acknowledgement, bibliography etc.)
2. Practice scanner questions, value based questions and evaluation questions.(Ch 1-4)
3. Collect news-paper cutting of financial statement of a company. (for board practical file)

BUSINESS STUDIES

- 1- Prepare a project file on any one of the following topics:- (pages 20-25 including attractive cover page, certificate, acknowledgement, bibliography etc.)
 - i. Child Labour
 - ii. Changing role of women
 - iii. Anti- Plastic Campaign
 - iv. POM.[Principles of Management]
- 2- Learn chapter 1 to 5.
- 3- Practice Case-Study and value based questions, Text book questions(from ch 1-5)

MATHEMATICS

1. Bring the material for exhibition related to mathematics.
2. Solve 5 years board questions of chapter 2,3,4 and 5 in a separate notebook.(from 2013 to 2017)

ECONOMICS

1.Prepare a Project File of atleast 20-25 pages on any of the given topic . Countries to be studied-India, North Korea, France, Belgium.

- Digital World. Roll No. (1-5)
- Demonetisation. Roll No. (6-10)
- What is going around us?(Economical Issues) Roll No. (11-15)
- Government Policies like Start –up, Make in India, and Go green Roll No. (16-29)

- 2.Create a PPT of 15-20 slides showing comparative analysis of cashless and cash economy. (Only for I.P. Students.)
- 3.Frame 10 Questions based on Digital World and Demonetisation.

4.Revise Chapter 1-5 from Micro Economics.

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COMMERTIAL ART

- 1-- Prepare any four compositions on following theme--

Mall scene/ Diwali festival /story illustration /object drawing in colour /modern painting

- The concept of environmental degradation ;
- Recognize the growing awareness about Environmental degradation ;
- Identify various factors causing environmental degradation ;
- Environment movement and evolution of global environmental norms.
- National and International Commitment to The Protection of Environment
- Recognize the national and international commitment to the protection of Environment.

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