



DELHI PUBLIC SCHOOL GHAZIABAD
HOLIDAY HOME WORK
SESSION 2011-2012
CLASS-XI

1. PHYSICS

Power point presentation on any one of the topic

1. Newton's Law 2. Thermodynamics 3. Vectors 4. Friction. 5. Force
6. Rotational motion (Or any other topic of your choice).

Find at least 3 applications of the principles (included in your topic) in real life and suggest at least two more new areas where they can be used.

2. ENGLISH

1. Choose any five of the following topics and construct a dialogue with five sets of exchanges for each:

Politics, education, corruption, sports, History, peer pressure, choice of stream, India-my country, reality shows, free period

Note: You may use your creativity to present dialogues in the form of cartoon strip.

2. Choose any one book from the following and prepare a book review for the same:

Science students- The Kite Runner by Khaled Hosseini, The Alchemist by Paulo Coelho

Commerce/Humanities students- Ignited Minds by APJ Abdul Kalam, The Monk Who Sold His Ferrari by Robin S. Sharma

3. ECONOMICS

The students are supposed to make a study with the help of a questionnaire to analyse the buying behaviour(factors that influence their buying decisions) of the teenagers(age group 15-17) in the present scenario. Collect primary data by interviewing them personally through a questionnaire.

Instructions

1. The project is to be taken on individual basis
2. The project must be presented in the following order
 - a) Name of the project and submitted by
 - b) Contents
 - c) Acknowledgement
 - d) Introduction of the project
 - e) Objective of the project
 - f) Collection of the data
 - g) Classification of data through questionnaire
 - h) Presentation of data
 - i) Conclusions.

4. ACCOUNTS

Write down ten accounting transactions & prepare voucher for each transaction.

5. B. STUDIES

“ Business Process Outsourcing is an another trend that is radically reshaping business world in India.” Keeping this point of view, prepare a Project on BPO highlighting their impact in India.

6. BIOLOGY

(A) Prepare a PowerPoint presentation with following contents:

1. Related branches of Biology
2. Various courses available in this field

2. Career options

4. List of colleges offering Biology courses

(B) Make a herbarium file containing at least ten different types of flowers and their description.

7. BIOTECHNOLOGY

(A) Prepare a PowerPoint presentation with the following contents:

1. Related branches of Biotechnology

2. Various courses available in this field

2. Career options

4. List of colleges offering Biotechnology courses

(B) Make a project on “Achievements of Biotechnology” in any one of the following Fields:

1. Health and medicine 2. Agriculture 3. Food processing 4. Gene therapy 5. Stem cell technology

6. Xenotransplantation

8. CHEMISTRY

In groups of 4 prepare report in any one of the following

1. Prepare a report based on various aspects like production, structure, advantages and disadvantages of medicines like antibiotics, analgesics & Tranquillizers.

(Take help from Internet)

2. Project report on food adulterants like cold drink, mineral water (Take help from Internet).

3. Visit any industry and prepare a report based on raw material, various process, support your report by pictures of that place.

4. Prepare a project report related to latest inventions of science (Take help of newspapers and Internet).

5. Prepare a PowerPoint presentation on any topic allotted by the teacher.

Note: - The project will carry 5 marks out of 30 marks allotted for chemistry practical exam in HY examination 2011.

9. MATHEMATICS

Completion of attached Assignment based on topics covered in the bridge course.

10. INFORMATICS PRACTICES/COMPUTER SCIENCE

➤ Prepare a Website (using HTML/ Frontpage) /Presentation / Movie or Animation film ON ANY ONE OF THE TOPICS LISTED BELOW.

1. Fight Against Corruption (Anna Hazare’s mission)

2. Nuclear Disaster in JAPAN

3. The End of Osama Bin Laden . Is it the end of terror ?

4. The Beginning of new Era in INDIAN CRICKET

NOTE- THERE IS NO UPPER LIMIT OF THE NUMBER OF SLIDES/WEBPAGES BUT MINIMUM REQUIRMENT IS AT LEAST 10 PAGES/SLIDES.

THE DURATION OF THE MOVIE SHALL BE AT LEAST TWO MINUTES.

11. FINE ARTS-:

1. Make two still life studies in pencil on half imperial sheets.

2. Make one picture Composition on the topic of your choice in pencil.

3. Do lots of sketching of objects and human figures on half imperial art sheet.

4. Exhibit your creativity by making beautiful cards/paintings.

Make four Greeting cards

OR

Two Paintings of Madhubani or any other form of folk art with decorative border.

Instructions

For Greeting Cards- Size- 8’’x 6’’ (half of A 4 sheet)

Theme- Flowers

Material- White or coloured A 4 sheet, water colors, pastel colours, paper cutouts or any other craft material except glitters.

For Painting - Size- A4 sheet of light colour.

Note- Do not write any thing inside the card.

Name, class and section to be written at the back of the card\ painting in pencil.

12. MUSIC

Prepare three songs which are based on classical or semi Classical music in three different areas-

- Sufi
- Bhajan
- From film.

13. PHYSICAL EDUCATION

Project Work (Major Game)

Prepare a project file (use only hard bound two hole file) that should be arranged with one ruled and one blank sheet (Alternately) and must be tagable. The file should be prepared as per the following topics:-

- Brief History of the Selected game (stick general pictures related to your sports)
- Court/Field/Ground dimensions (stick court/field/ground picture)
- Equipments and their specifications (stick equipments' pictures)
- Fundamentals of the game (stick fundamentals movements picture as per skills)
- Major rules of the game (any general pictures of the games can be used)
- Signs/signals of the referee (pictures of the referees signal)
- Five Indian/international personalities brief achievements (stick their photos)
- Names of the major tournaments/trophies/championships of the game
- Names of the Arjuna/ Dronacharya awardees names (stick their photos)

Note – File should be prepared on hard paper so sticking of pictures should not distort it. Sticking good pictures are essential, only text files will not be accepted in any condition.

14. PSYCHOLOGY

Watch the movies given below and make a project report discussing the psychological aspects like personality, psychological disorders and character analysis.

1. A beautiful mind.
2. The butterfly effect.
3. Secret window.
4. As good as it gets.
5. Psycho

Note – File should be prepared on hard paper so sticking of pictures should not distort it. Sticking good pictures are essential, only text files will not be accepted in any condition.

15. POLITICAL SCIENCE

Collect latest information from Internet and newspaper as well as magazines:

- 1) Chief Minister of various states.
- 2) Present Council of Ministers.
- 3) Collect pictures of latest 10 events happening in Delhi and write few lines about it.

16. HISTORY

Make a Collage on a Half Chart paper size depicting the various stages in the Human Evolution and write few lines about each stage:

- 1) Early Apes
- 2) Australopithecus
- 3) Homo Habilis
- 4) Homo Erectus
- 5) Homo Sapiens