

ST. KAREN'S SECONDARY SCHOOL
Khagaul Road, Danapur, patna
2020 – 2021

HOLIDAY HOMEWORK-PROJECT WORK-COPY WORK

CLASS – 12 - A

GENERAL INSTRUCTION

Copy Work

- Write all the contents and assignments in serial i. e. Content 1 and then assignment 1, next content 2 then assignment 2 and so on... .
- Index of the copy has to be filled.
- Name of the chapter and the date has to be mentioned according to given in the content and assignment.
- Do the work neatly in the copy.
- Writing should be clear and legible.
- All the diagrams has to be drawn and labelled on the white sheet with the pencil.

Project Work

- Project has to be done on bio sheets and put in one single bio file only.
- Make a cover page mentioning the name, class, section, roll number, subject, and the name of the teacher.

Example:-

Name: Ankita Kumari

Class/section: 9- G Roll number: 01

Subject: Science

Name of the teacher: Miss. Shalini Kumari

- Index with date, acknowledgement and bibliography should be there in the project.

Holiday homework:-

- All holiday homework has to be done in copy only.

ENGLISH

English Summer Vacation Project

INSTRUCTIONS :

- **The following project should be prepared in A4 sized ruled sheets stapled on the left hand side & filed in one stick file.**
- **The word – limit should be strictly followed.**
- **The project should contain the following as per the sequence given below :**
 - ***1. Creative Cover Page should include the Name, Class, Section, Roll No. of the students & the Subject.***
 - ***2. Second Sheet should contain the assignment questions.***
 - ***3. Third page onwards the students can write the ANSWER.***

TOPIC

Write an article on - "**SOCIO-ECONOMIC IMPACT OF COVID-19 PANDEMIC AND SIGNIFICANCE OF AWARENESS, SANITATION AND SELF-DISCIPLINE IN CONTROLLING IT**". (250 – 300 words)

English Summer Vacation Homework

INSTRUCTIONS :

- The following questions should be answered in English fair copy. Each question should be written on a new page and then answered properly.
- The word – limit should be strictly followed.

Q.1. The poem ‘Keeping Quiet’ leaves a message of universal brotherhood and peace. It urges people to stop all sorts of aggression including that towards environment and do a bit of introspection. How is the poem relevant to the present scenario of human existence ? (200 – 250 words)

Q.2. How can empathy be the best healer ? Answer this question with reference to present scenario and by taking hints from the lesson – ‘The Enemy’ in (200 – 250 words)

NOTE : FOR ONLINE STUDY MATERIAL VISIT –
<http://ncert.nic.in/textbook/textbook.htm>

PHYSICS

1. CHAPTER: (ELECTRIC CHARGES AND FIELDS)-

- @ DO ALL IN-TEXT QUESTIONS(Q.N. 1.1 TO 1.13) FROM NCERT BOOK.
- @ DO ALL EXERCISE QUESTIONS (Q.NO. 1.1 TO 1.34) FROM

NCERT BOOK.

2. CHAPTER : (ELECTROSTATIC POTENTIAL AND CAPACITANCE)-

- @ DO ALL IN-TEXT QUESTIONS (Q.NO. 2.1 TO 2.10) FROM NCERT BOOK.
- @ DO ALL EXERCISE QUESTIONS (Q.NO. 2.1 TO 2.37) FROM NCERT BOOK.

3. PROJECT WORK:

- @ MAKE LIST OF 15 ELECTRICAL APPLIANCES USED AT YOUR HOME.
- @ MARK THEIR POWER IN KILOWATT AND VOLTAGE
- @ FIND VALUE OF ELECTRIC CURRENT USED BY THEM USING OHM’S LAW.

CHEMISTRY

PROJECT WORK

1. Write all formulas related to chapter solution (Unit 2) and The Solid State (Unit 1) on chart paper.
2. Draw a Crystal Lattice diagram of NaCl on Chart paper.

NUMERICAL PROBLEMS

1. Solve some important Numerical Problems from the exercise of Unit – 2 from NCERT. (Q. No. – 2.6, 2.8, 2.20, 2.21, 2.22, 2.35, 2.40).
2. Solve Numerical Problems related to the Solid State (Unit 1) from NCERT. Q. No. – 1.11, 1.15, 1.16, 1.21, 1.24.

MATHEMATICS

Solve the following exercises from NCERT book

1. Chapter 1-Relation and Function:- Ex 1.1, 1.2, 1.3.
2. Chapter 2- Inverse Trigonometric Function:- Ex 2.1, 2.2.
3. Chapter 3- Matrices:- Ex 3.1, 3.2, 3.3, 3.4.
4. Chapter 4-Determinants:- Ex 4.1, 4.2, 4.3, 4.4, 4.5, 4.6.
5. Project work:-
Draw the graph of $\sin^{-1}x$, $\cos^{-1}x$ and $\tan^{-1}x$ in their principal value branch in graph copy.
Do summer holiday work in Maths homework copy.

Note:- Syllabus for 1st unit test- Relation Functions, Inverse Trigonometric functions.

ECONOMICS

Home work for summer holidays

1. **Learn all Assignment Questions:**
2. **Project work:** (Students can make project on any one topic given).

It is compulsory for each and every student to submit the project individually. The project contains a detailed statement of the analysis.

The project should be:

- Handwritten
- Concise and clear
- Table and diagrammatic presentation
- Having a length of 25 to 30 Pages.
- End up with a conclusion.

Elements of project report:

1. Cover page
2. Acknowledgement
3. Certificate
4. Content
5. Introduction
6. Main body of research
7. Evaluation
8. Conclusion

Topics:

1. Multiplier and its application in the Indian economy
2. Problem of unemployment in India
3. Disinvestment policy
4. Demonetisation in India
5. Money and its relevance in changing scenario
6. Micro and small scale industries in India

Further details about the topics

1. **Multiplier and its application in the Indian economy**
 - Definition of multiplier
 - Introduction with explanation
 - Derivation of algebraic expression
 - Diagrammatic presentation
 - Explaining its functions in an economy
 - Relationship between MPC and multiplier; with proof

- Multiplier process diagrammatic and tabular presentation
- Reverse operation of multiplier
- Application of the principles of multiplier in Indian economy.

2. Problem of unemployment in India

- Introduction
- Concept of unemployment and related terms
- Unemployment across rural and urban and across male and female population.
- Unemployment across different states in India
- Contribution of Primary secondary and tertiary sector total employment
- Challenges of informalisation of workforce
- Challenges of jobless growth
- Reasons for slow growth of employment opportunity
- Remedial measures

3. Disinvestment policy

- Rationale of disinvestment
- Emergence of disinvestment policy
- Policy statement
- Committee/ Commission on disinvestment
- Issues related to strategic and non strategic sectors
- Methodology for disinvestment
- Valuation of PSU for disinvestment
- Interest of workers and employees
- Conclusion

4. Demonetisation in India

- Introduction
- Concept of demonetisation
- Extent of demonetisation
- Benefits of demonetisation
- Good impact of demonetisation on Economy
- Bad impact of demonetisation on Economy
- Further expectations
- Conclusion

5. Money and its relevance in changing scenario

- Introduction
- Characteristics
- Evolution
- Advantages and disadvantages of forms of money
- Electronic money and its necessity
- Conclusions

6. Micro and small scale industry

- Definition of micro and small scale industry legal
- Different types of scale industries
- Significance of industrial policy
- Contribution of small scale industries in economy
- Administrative and institutional framework at national state district level
- Provisions in new economic policy 1991

- Reservation of items for small scale industries
- Modernization of small scale industries
- Problems of small scale industries in India
- Government assistance for small scale industries in India
- Future of small scale industries in India
- Conclusion

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