

HOLIDAY HOMEWORK
WINTER VACATION
CLASS- XI

ENGLISH

Write these assignments in your project file.

- Q1. You are a news writer for a newspaper. After reading Nick Middleton's story 'The Silk Road', you were very disappointed about how the environment near Lake Mansarovar and at Darchen has been neglected by the authorities. Write an article in 120-150 words describing the poor conditions in these regions and suggest some steps they should have taken to ensure that it did not deteriorate.
- Q2. The story 'Birth' brings out how Dr. Andrew managed to perform his duties as a doctor very well even though he was undergoing an emotional crisis. Imagine you are a doctor who has to address students at a medical University. Write this speech in 120-150 words, elaborating upon the fact that emotional instability should never be a hurdle in one's profession.

HINDI

1. आमतौर पर ऐसा माना जाता है कि खबरों को बनाते समय जनता की रुचि का ध्यान रखा जाता है। इसके विपरीत जनता की रुचि बनाने-बिगाड़ने में खबरों का क्या योगदान होता है? विभिन्न समाचार पत्रों को पढ़कर अपने विचार प्रस्तुत करें।
2. स्पष्ट कीजिए कि संत कबीर ने अपनी रचना के माध्यम से समाज में व्याप्त कुरीतियों जैसे अंधविश्वास, भेदभाव को समाप्त करने का सफल प्रयास किया है

PHYSICS

1- A 10 kg block is placed on a horizontal surface with a coefficient of friction. A force of 50 N is applied horizontally.

- a- Find the acceleration of the block.
- b- If the same force is applied at an angle of above the horizontal, find the new acceleration.

2- A body of mass 5 kg is dropped from a height of 10 m.

- a- Find the velocity of the body just before hitting the ground.
- b- If 20% of the energy is lost due to air resistance, calculate the final velocity.

3- Solve Ncert exercise numerical of chapter oscillations.

CHEMISTRY

1. Draw a mind map of hydrocarbon showing method of preparation and chemical properties.
2. Solve ncert exercise of hydrocarbon

MATHS

- 1). Build 3D models of:
Conic sections (parabola, ellipse, hyperbola).
- 2). Study the Fibonacci sequence in nature (pinecones, flowers, shells).
Write a report or create a photo collage showcasing how the sequence is observed in nature.
- 3) Research-Based Projects:
Mathematical History: Research an ancient mathematician (like Aryabhata, Euclid, or Pythagoras) and write a creative essay on their contribution to mathematics.

BIOLOGY

1. Draw the structure of human heart, kidney and brain.
2. Describe the mechanism of muscle contraction.
3. Write the name of Endocrine glands of human body write their functions.
4. Differentiate C3 and C4 cycle.
5. Explain the mechanism of breathing.

PSYCHOLOGY

- 1- Write about a significant event in your life and what you learned from it.
- 2- Research five psychologists and their contributions to psychology.

Both are compulsory for everyone.

Note- Students can use an office (transparent file) file or they can use a copy.

IP

1. Write a program to create a phone dictionary for all your friends and print each key value pair in separate list.
2. Program to print sum of natural numbers between 1 to 7. Print the sum progressively, i.e., after adding each natural number, print sum so far.
3. Write SQL commands for the following on the basis of given table Table: GARMENTS: GCODE
GNAME SIZE COLOUR PRICE 111 TShirt XL Red 1400.00 112 Jeans L Blue 1600.00 113 Skirt M Black 1100.00 114 Ladies Jacket XL Blue 4000.00 115 Trousers L Brown 1500.00 116 Ladies Top L Pink 1200.00
(i) To display names of those garments that are available in XL size.
(ii) To display codes and names of those garments that have their names starting with 'Ladies'.
(iii) To display garment names, code and price of those garments that have price in the range 1000.00 to 1500.00 (both value are included)
(iv) To change the color of garment with code as 116 to 'Orange'.

HISTORY

Project work- Prepare on any one of the following topics. It should has complete information

- 1- Aspiration of women in renaissance
- 2- Path to modernization
- 3- Critique if Industrialization
- 4- life of native people in America

GEOGRAPHY

Complete your assignment on "Disaster management"

ECONOMICS

- 1- The market for a good is in equilibrium. What is the effect on equilibrium price and quantity if both market demand and market supply of the good increase in the same proportion? Use diagram.
- 2- The market for a good is in equilibrium. What is the effect on equilibrium price and equilibrium quantity if the proportionate increase in market demand is greater than increase in market supply? Use diagram.
- 3- The market for a good is in equilibrium. What is the effect on equilibrium price and equilibrium quantity if the proportionate increase in market demand is less than increase in market supply? Use diagram.

B.ST.

Prepare Project File and flow chart paper on the following topics as per the given Roll Numbers:-

Roll No.(1 - 5) - Import Trade and Large Fixed Shop Retailers

Roll No(6 - 10)- Export Trade and Borrowed Fund

Roll No(11 - 15)- Import Trade and Banking Services

Roll No.(16 - 21)- Small Fixed Shop Retailers and Export Trade.

ACCOUNTANCY

Project Work- Select any one business of your choice (e.g., retail shop, service provider, or manufacturing unit) and:

1. Prepare a brief report on its financial transactions.
2. Create journal entries at least 25 to 30 transactions.
2. Post them into ledger.
3. Prepare a trial balance from these ledger.
4. Prepare Trading & Profit and Loss Account and Balance Sheet.
5. Give pictorial presentation of Profit and loss and Balance sheet through pie chart/bar diagram.

P.EDU.

- 1) Body Mass Index
- 2) Waist-Hip Ratio
- 3) Harvard Step test
- 4) Push Ups (Modified Push Ups)
- 5) Partial Curl Up
- 6) Sit and Reach

All these practical's must be completed in your practical file with pictures and detailed content.