

ST. XAVIER'S SCHOOL, DORANDA, RANCHI

ASSIGNMENT

CLASS-IX B

1. Take a case of a developed country like USA and also of a less developed country like India.

(a) Prepare a list of the main characteristics of USA – a developed economy.

(b) Also prepare another list of the main characteristics of India – a developing economy.

(c) Make a comparative study on the basis of characteristics as noted above.

(d) Point out the main weaknesses of the Indian Economy.

(e) Give your suggestions to make India a developed economy.

(f) Give a brief account of the future prospects of Indian Economy.

GENERAL INSTRUCTIONS:

Assignment must include the following:

- Cover Page
- Acknowledgement
- Certificate
- Index
- Introduction
- Content of the assignment
- Conclusion

Note:

The assignment must be done in Bio File/Thread File using interleaf sheets. The cover should exhibit your creativity. You can paste/ draw pictures to make it creative.

2. Prepare a diagram on a chart paper:-

TOPIC	ROLL NOS.
Definitions of Economics chart (Given in Pg. 7)	1 – 15
Types of Economic Activities chart (Given in Pg. 9)	16-35
Categories of Producers chart (Given in Pg. 22)	36-49

3. Learn ch1 (Meaning and Definition of Economics) and Read Basic Economic Entities in an Economy.

HOLIDAY HOMEWORK FOR CLASS IX

Do the question and answers of Chapters: Language of Chemistry and Chemical changes and Reactions from your prescribed chemistry work book in the work book itself.

ST XAVIER'S SCHOOL, DORANDA

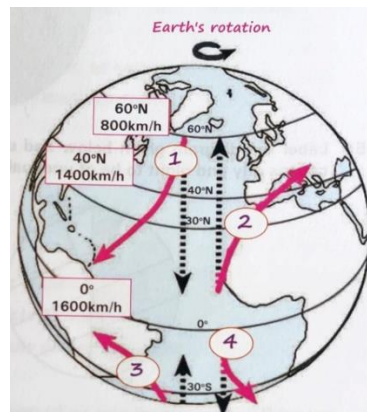
SESSION 2024-2025

ASSIGNMENT

CLASS IX

Answer the following Questions:

1. Differentiate between Solistice and Equinox.
2. The Coriolis Effect affects air and water masses and governs atmosphere and ocean surface circulation patterns on the Earth.



- (i) What causes the Coriolis Effect?
- (ii) What do the dotted arrows on the diagram show?
- (iii) What do the pink arrows on the diagram indicate?
- (iv) Why does the speed of the Earth's rotation decrease from the Equator to the Poles?
- (v) Match the arrows numbered 1,2,3,4 with correct description given below.
 - Object moving North in the Northern Hemisphere is moving faster than the ground underneath, hence deflected to the right.
 - Object moving North in the Southern Hemisphere is moving slower than the ground underneath, hence deflected to the left.
 - Object moving South in the Northern Hemisphere is moving slower than the ground underneath, hence deflected to the right.
 - Object moving South in the Southern Hemisphere is moving faster than the ground underneath, hence deflected to the left.

3. Define the given terms :

- a. Circle of illumination
 - b. Inclination of Earth's Axis
 - c. Aphelion and Perihelion
4. Explain the Tidal Forces with reference to the effects of Earth's rotation.
 5. Draw a neatly labelled diagram of Revolution of the Earth.
 6. What is the time and day in Los Angeles 118° W when it is 3:00 pm on Sunday in New York 74° W?
 7. Give geographical reasons for the following :
 - a. In India, Arunanchal Pradesh is the first to see the rising Sun.
 - b. The distance between the two latitudes is a constant of 111 km whereas the distance between two longitudes varies.
 - c. The people standing at sea level near the poles are closer to the centre of the Earth than people standing at the sea level near the Equator.
 8. What causes twilight and Dawn?
 9. Why the standard time is considered necessary? Why do some countries have many time zones?
 10. Distinguish between the following:
 - a. Latitude and Longitude
 - b. Equator and Meridian
 - c. Local time and Standard time

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HOLIDAY HOME WORKS BIOLOGY

Class 9 ---- Cell and Tissues : Workbook

Preparing charts : specific students

St. Xavier's School, Doranda

Holiday Homework

Physics

Class 9 C

I. Learning Elementary Physics Work Book

Ch -1 Measurement and Experimentation

Ch-2 Motion in One Dimension

- Solve the questions of ch-1 in your workbook.
- Answers must be written in ink only.

II. Revised Concise Physics

Ch-1 Measurement and Experimentation

- Complete all the questions of Exercises 1(A), 1(B), 1(C) in your HW copy.

Ch-2 Motion in One Dimension

- Complete all the questions of Exercise 2(A) in HW copy.
- Do this in the same, homework copy which you made previously.

Note: *Marks will be given for Workbook, Homework copy and classwork copy.*

Ms. Beauty Bhadra

Holiday Homework – 2024-25

Class 9 A (Physics)

The students as per their roll nos. are required to make charts on the following topics :

Roll 1-10 = Derived Unit

Roll 11-20 = Vernier callipers

Roll 21-30 = Screw Gauge

Roll 31-40 = Simple Pendulum

Roll 41-50 = Difference between speed and velocity

Roll 51-54 = Fundamental units