

## Assignment 1 – Grade XII Science

Class 12 (chemistry)

1.0 Why haloarene are less reactive towards the Neucleophilic substitution reaction than haloalkane?

2.0 Write any three method of preparation of chlorobenzene.

3.0 Write the action of chloroform with

a) Ni-Al alloy in alkaline medium

b) Chloral

4.0 How would we prepare trichloromethane from ethanol?

How desite react with

a) Atmospheric air

b) Silver powder

c) Conc. HNO<sub>3</sub>

d) Acetone

5.0 A secondary haloalkane (X) react with sodium metal in presence of dry ether to give 2,3 dimethyl butane identify X with appropriate chemical chemical reactions

6.0 How would you obtained propanic acid from ethane?

7.0 What do you mean by normal solution and molar solution? What volume of decinormal solution of HCl is required to neutralize 25 ml of NaOH containing 8 g NaOH in one litre solution?

8.0 What are primary and secondary standard substance? How you prepare decinormal solution of Sodium carbonate?

9.0 What is volumetric analysis? Mention its type with example?

कक्षा : १२

विषय : नेपाली

१. तल दिइएका शब्दहरूको अक्षर संरचना छुट्याउनुहोस् :

ऐना , स्त्री , पसल ,व्यवस्था

३.दिइएका उखानको प्रयोग गरि अनुच्छेद निर्माण गर्नुहोस् :

आफू भलो त जगतै भलो, एक हातले ताली बज्दैन, खाने मुखलाइ जुँगाले छेक्दैन

३. "आमाको सपना " कविताको मूलभाव स्पष्ट पार्नुहोस ।

४. कथाकार मदनमणि दीक्षितको परिचय र प्रवृत्तिहरू स्पष्ट पार्नुहोस ।

## Physics

- 1.0 Discuss the principle involved in Millikans experiment for the determination of charge on an electron.
- 2.0 Calculate the radius of a oil drop of density  $100 \text{ kg/m}^3$ , Which falls with a velocity of  $2.9 \times 10^{-4} \text{ m/s}$ . Through air of viscosity  $1.80 \times 10^{-5} \text{ Nsm}^{-2}$ , Ignore density of air.
- 3.0 Why do you mean by cross field?
- 4.0 Complete note for Sudip sir part.

## Biology

- 1.0 Define meristematic tissue, describe its types.
- 2.0 Discuss various theory of shoot and root apex.
- 3.0 Highlight types of permanent tissue with characteristics.
- 4.0 What do you mean by disease? Explain HIV/AIDS and Renal disorder in details
- 5.0 What is tissue? How many major types of tissue are present in animal body?  
Explain epithelium tissue in details with its type, character structure location and function.
- 6.0 Define muscular tissue. Mention its types and character structure, location and function with well labelled diagrams.

## English

- 1.0 what is critical thinking? Write in details

2.0 Which type of family do you like? Why ?

3.0 Write the summary of the story “neighbor”.

