



SUCCESS KEY TEST SERIES

X- Semi English

(Unit Test-3 Science-1 (ch-7,8))

Science And Technology - I-

DATE:

TIME: 1 hrs

MARKS: 20

SEAT NO:

Q.1 A) Solve the following questions. (2)

1) Observing stars : Telescope :: Repairing a watch :

2) Ionic compounds are in kerosene.

B) Choose the correct alternative and rewrite the sentence (3)

1) metal has highest melting point.

- a. Sodium b. Calcium c. Tungsten d. Zinc

2) What is redox reaction?

- a. Oxidation takes place
 b. Reduction takes place
 c. Neither oxidation nor reduction takes place
 d. Oxidation and reduction take place simultaneously

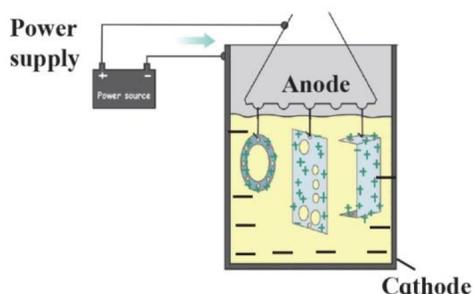
3) In the reactivity series, Magnesium is

- a. more reactive than potassium b. more reactive than sodium
 c. less reactive than copper d. less reactive than calcium

Q.2 Solve the following questions. (Any two) (4)

1) Pine oil is used in froth floatation method.

2) Identify the process shown in the diagram and explain it in short.

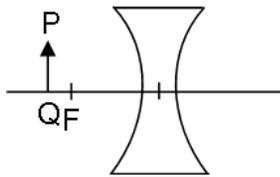


3) Complete the table

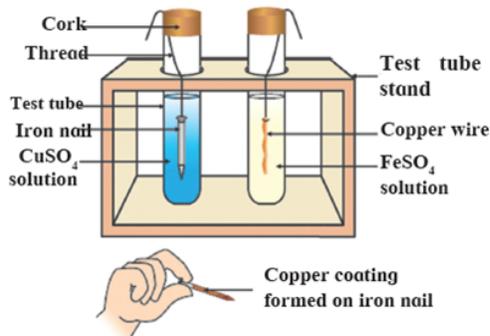
h_1 (cm)	5	10
h_2 (cm)	-30	-20
M	-2	-0.5

Q.3 Solve the following questions. (Any two) (6)

1) Complete the following ray diagram



- 3) Draw diagram: The three types of Convex lenses.
- 2) Observe the figure and answer the questions below.



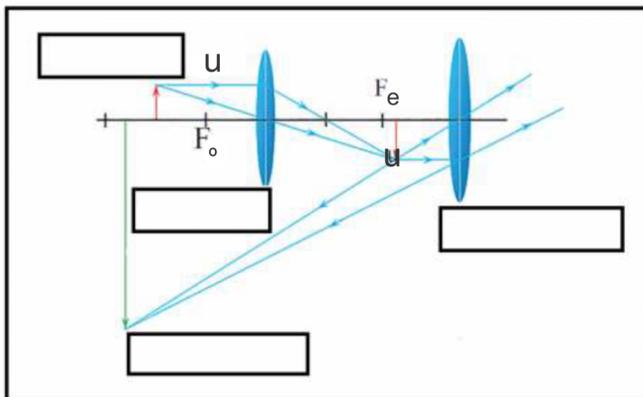
- i. In which test tube a reaction has taken place ?
- ii. How can you recognize that the reaction has taken place ?
- iii. What is the type of reaction ?

Q.4 Solve the following questions. (Any one)

(5)

- 1)
 - i. What is meant by corrosion?
 - ii. Write names of any two methods of prevention of corrosion.
 - iii. In which method, metal like copper, aluminium are coated with a thin layer of their oxides by means of electrolysis.
 - iv. Explain this method with diagram.

2)



- i. Which type of microscope has the arrangement of lenses shown in the adjoining figure?
- ii. Label the figure correctly.
- iii. Write the working of this microscope.
- iv. Where does this microscope used?
- v. Suggest a way to increase the efficiency of this microscope.