

SUB-TOPIC-Laboratory

LEVEL-1

VSQ (1 MARK)

- 1- Which place can be considered as a chemical laboratory?
- 2- Which type of glass is used in making chemical laboratory apparatus?
- 3- What is a Reagent bottle?
- 4- Experiment and _____ are the two important basics of chemistry.
- 5- A porcelain dish is used _____
- 6- _____ is used to hold the test tube while it is heated.
- 7- _____ is used for grinding and crushing solid substances into a powder.
- 8- Glass apparatus is made of _____ or _____ glass
- 9- Mention one use of each of the following equipment:
 - a) Spirit lamp
 - b) Conical flask
 - c) Wire gauze
 - d) Mortar and pestle
 - e) Glass tube
 - f) Test tube
 - g) Evaporating dish
 - h) Beaker
 - i) Measuring cylinder
 - j) Gas jar
- 10-From what materials are the following made up of?

- a) Test tube rack
- b) Test tube holder
- c) Measuring cylinder
- d) Wire gauze
- e) Mortar and pestle

11-The evaporating dish is made of.

a) Porcelain

b) Glass

c) Metal

d) plastic

12-The spirit lamp is made of

a) Glass

b) Brass

c) Steel

d) All of the above

13-The apparatus to measure an accurate volume of liquid, is

a) Beaker

b) Conical flask

c) Measuring cylinder

d) Test tube

14-To pass a gas from one vessel to another, you will use

a) Gas jar

b) Delivery tube

c) Glass rod

d) Test tube

15-To prevent the escape of a gas from a gas jar, you will cover its mouth with

- a) Watch glass
- b) Crucible
- c) Beaker
- d) Round bottomed Flask

LEVEL-2

SQ (2 Marks)

1) Mention the description and uses of the following chemical laboratory apparatus.

- a) Test tube
- b) Test tube stand
- c) Test tube holder
- d) Beaker
- e) Flask
- f) Measuring cylinder
- g) Funnel
- h) Evaporating dish
- i) Mortar and pestle
- j) Tripod stand
- k) Spirit lamp
- l) Bunsen burner
- m) Reagent bottle
- n) Gas jar
- o) Analytical Balance

- p) Delivery tube
- q) Glass rod
- r) Watch glass
- s) Crucible and cover
- t) Pair of tongs
- u) Water trough
- v) Water bath

w) Thistle funnel

2) Why chemistry is known as an experimental science?



LQ (5 Marks)

- 1) List any five precautions to be taken while performing an experiment in a chemistry laboratory.
- 2) What are the safety rules in a chemistry laboratory?

SUB-TOPIC-Precautions in a chemical Laboratory

LEVEL-3

LQ (5 Marks)

- 1) Why are most of the apparatus made up of glass (5 points)
- 2) Mention any five Safety rules to be followed in a chemical Laboratory

