

1. Fill In The Blanks:

a) Experiment and observation are the two important basis of chemistry.

b) A porcelain dish is used for evaporating.

c) Test tube holder is used to hold the test tube while it is hot or being heated.

d) Mortar and Pestle is used for grinding and crushing solid substances into a powder.

e) Glass apparatus is made Pyrex or Borosil glass.

2. Match the items in Column A with their respective function in Column B.

Column A

Column B

a) Iron stand

i) To boil chemicals.

b) Test tube

ii) To keep solutions.

c) Funnel

iii) To stir solutions

d) Beaker

iv) To support apparatus

e) Glass rod

v) To transfer liquids.

Column A

Column B

a) Iron stand

i) To support apparatus

b) Test tube

ii) To boil chemicals

c) Funnel

iii) To transfer liquids

d) Beaker

iv) To keep solutions

e) Glass rod

v) To stir solutions

3. Choose the correct alternative from the options given for each of the following statements.

a) Evaporating dish is made of

Ans) i) Porcelain

b) Spirit lamp is made of

Ans) i) all of the above

c) The apparatus to measure an accurate volume of a liquid is

Ans) iii) measuring cylinder

d) To pass a gas from one vessel to another, another, you will use

Ans ii) Delivery tube

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

Ans i) Watch glass

4. Write true or false against the following statements and correct the false ones:

a) A glass funnel is used to pour off liquids.  
True

b) A test tube is used to test liquid chemicals.  
False

Ans A test tube is used to test chemicals and for boiling and heating purposes.

c) A mortar and pestle is used for evaporation. False

Ans A mortar and pestle is used for grinding and crushing solid substances into powder.

d) A glass rod is used to stir solutions. True

e) A round-bottom flask is used to store chemicals. False

Ans → A reagent bottle is used to store chemicals.

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