

OBJECTIVE TYPE QUESTIONS

Fill in the blanks:

1. (a) Experiment and observation are the two important basics of chemistry.
 - (b) A porcelain dish is used for evaporation.
 - (c) A test tube holder is used to hold the test tube while it is hot or being heated.
 - (d) Mortar & Pestle is used for grinding and crushing solid substances into a powder.
 - (e) Glass apparatus is made of glass or pyrex glass.
2. Match the items in Column A with their respective functions 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 |

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

- (a) Evaporating dish is made of
- (i) Porcelain
 - (ii) glass
 - (iii) metal
 - (iv) plastic
- (b) Spirit lamp is made of
- (i) glass
 - (ii) brass

- (iii) steel
- (c) beaker
- (i) measuring cylinder
- (iv) To pass a gas from one vessel to another, you will use
 - (ii) Conical flask
 - (iv) Test tube
 - (ii) delivery tube
 - (iv) test tube with cover
- (d) gas jar
- (i) glass rod
- (iii) To prevent the escape of a gas from a gas jar, you will use its mouth
 - (ii) crucible
 - (iv) round bottom flask
- (e) watch glass
- (i) beaker

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

- (a) A glass funnel is used to pour of liquids. True
- (b) A test tube is used to test liquid chemicals. False
Correct: A test tube is used to test chemicals and for heating and boiling purposes.
- (c) A mortar and pestle is used for evaporation. False
Correct: Mortar and pestle is used to grind and crush solid substances into a powder.
- (d) A glass rod is used to stir solutions. True
- (e) A round-bottom flask is used to store chemicals. False
Correct: Used to do experiments and hold sufficient solutions.