

1. Fill in the blanks :

(a) Experiment and *observation* are the two important basics of chemistry.

(b) A porcelain dish is used *for evaporation*

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

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

(e) Glass apparatus is made of *hard* 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
- (iv) all of the above ✓

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

- (i) beaker
- (ii) conical flask
- (iii) measuring cylinder ✓
- (iv) test tube

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

(i) gas jar

(ii) delivery tube ✓

(iii) glass rod

(iv) test tube

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

(i) ✓ watch glass (ii) crucible

(iii) beaker (iv) round bottom flask

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

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

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

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

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

T

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

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