

## MULTIPLE CHOICE

Choose the correct answer from the following choices:

### 1. Concentration is a:

- mixing technique
- separating technique
- boiling technique
- cooling technique

### 2. Froth flotation process is used to concentrate the ore on:

- density basis
- concentration basis
- wetting basis
- magnetic basis

### 3. Matte is a mixture of:

- FeS and CuS
- $\text{Cu}_2\text{O}$  and FeO
- $\text{Cu}_2\text{S}$  and FeS
- CuS and  $\text{FeO}_2$

### 4. In the bessemerization process:

- roasted ore is heated
- molten matte is removed
- molten matte is heated
- molten matte is added

### 5. Concentration of the copper ore is carried out by:

- calcinations
- roasting
- forth flotation
- distillation

<b>6. When <math>\text{CO}_2</math> is passed through the ammonical brine the only salt that precipitates is:</b>	
$\text{NaHCO}_3$ $\text{NH}_4\text{HCO}_3$ $\text{Na}_2\text{CO}_3$ $(\text{NH}_4)_2\text{CO}_3$	
<b>7. In Solvay's process slaked lime is used to:</b>	
prepare $\text{CO}_2$ prepare quick lime recover ammonia form $\text{Na}_2\text{CO}_3$	
<b>8. When <math>\text{NaHCO}_3</math> is heated it forms:</b>	
$\text{CO}_2$ $\text{Ca}(\text{OH})_2$ $\text{CaCO}_3$ $\text{CaO}$	
<b>9. Formula of urea is:</b>	
$\text{NH}_2\text{COONH}_4$ $\text{NH}_2\text{COONH}_2$ $\text{NH}_2\text{CONH}_4$ $\text{NH}_2\text{CONH}_2$	
<b>10. Crude oil is heated in the furnace upto:</b>	
$300^\circ\text{C}$ $350^\circ\text{C}$ $400^\circ\text{C}$ $450^\circ\text{C}$	

<b>11. When heated crude oil is fed to the fractionating tower:</b>	
vapours of higher boiling point fraction condense first in the lower part of the tower vapours of lower boiling point fraction condense first in the lower part of the tower vapours of higher boiling point condense later in the upper part of tower vapours of higher boiling point never condense	
<b>12. Which one of the following is used as jet fuel:</b>	
kerosene oil lubricating oil fuel oil diesel oil	
<b>13. Which one of the following is not fraction of residual oil?</b>	
paraffin wax asphalt fuel oil petroleum coke	
<b>14. Which one of the followings is not a fraction of petroleum?</b>	
kerosene oil diesel oil alcohol petrol	
<b>15. The nitrogen present in urea is used by plants to synthesize:</b>	
sugar proteins fats DNA	
<b>16. Which one of the following organic compound is found in gasoline?</b>	
$C_2H_4$ $C_3H_8$ $C_8H_{18}$ $C_{12}H_{26}$	