



CHEMISTRY

BOOKS - ARIHANT PUBLICATION JHARKHAND

IMPORTANT CHEMICAL COMPOUNDS

Exam Booster For Cracking Exam

1. The common salt used in food in

A. HCl

B. Na_2CO_3

C. NaCl

D. $CaCl_2$

Answer: C



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2. The formula of lime, which is used for white washing is

A. CaO

B. $CaCO_3$

C. $CuSO_4$

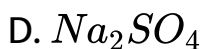
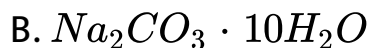
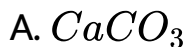
D. Na_2SO_4

Answer: A



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3. The soda used for washing the clothes is



Answer: B



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4. Which of the following is used for making dry call

A. NaCl

B. Na_2CO_3

C. NH_3Cl

D. NaHCO_3

Answer: C



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5. Drinking water can be made bacteria free by

A. CaOCl_2

B. CaCl_2

C. CuCl_2

D. CaCO_3

Answer: A



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6. Which of following is used for making the explosive of crackers ?

A. Sodium chloride

B. Salt petre

C. Soda

D. Blue vitriol

Answer: B



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7. How many molecules of water of crystallisation are present in blue vitriol ?

A. 1

B. 2

C. 4

D. 5

Answer: D



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8. How many molecules of water are there in the formula of simple alum ?

A. 4

B. 6

C. 24

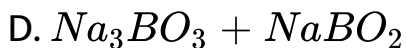
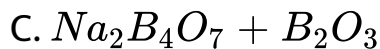
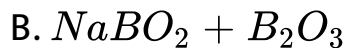
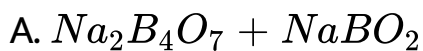
D. 10

Answer: C



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9. On strong heating of borax, a transparent glassy mass is obtained as a mixture of



Answer: B



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10. The gas produced by the action of dil, sulphuric acid on bleaching powder is



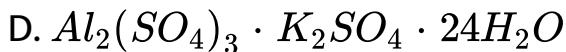
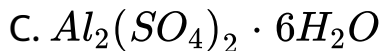
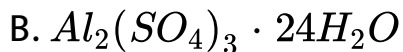
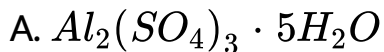


Answer: C



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11. The formula of alum is



Answer: D

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12. The molecular formula of bleaching powder is

A. CaOCl

B. CaOCl_2

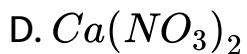
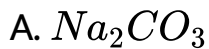
C. CaO_2Cl_2

D. Ca_2Cl

Answer: B

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13. The formula of caustic soda is

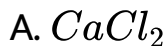


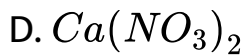
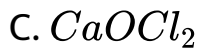
Answer: B



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14. The chemical formula of marble is





Answer: B



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15. The chemical formula of lime is

A. calcium hydroxide

B. calcium hypochloride

C. calcium carbonate

D. calcium oxide

Answer: D

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16. The chemical name of blue vitriol is

A. ferrous sulphate

B. ferric sulphate

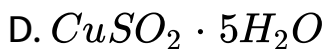
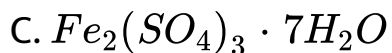
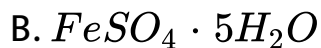
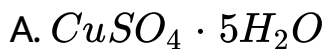
C. copper sulphate

D. calclum sulphate

Answer: C

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17. The molecular formula of blue vitriol is

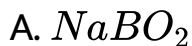


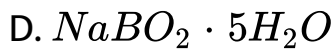
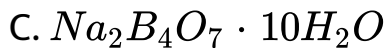
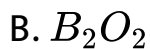
Answer: A



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18. The chemical formula of borax is





Answer: C



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19. The chemical name of borax is

A. sodium meta borate

B. sodium tetra borate

C. boric acid

D. boric anhydride

Answer: B

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20. Bleaching powder becomes useless on exposure to air because

- A. It evolves Cl_2 by decomposition
- B. It absorbs CO_2 to form $CaCO_3$
- C. It is affected by O_2 in air
- D. None of the above

Answer: B

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21. The compounds among the following, used as disinfectants or germicides are

$CuSO_4 \cdot 5H_2O$, $Na_2CO_3 \cdot 10H_2O$, $CaOCl_2$, $CaSO_4 \cdot 2H_2O$

A. $CuSO_4 \cdot 5H_2O$ and $Na_2CO_3 \cdot 10H_2O$

B. $CuSO_4 \cdot 5H_2O$ and $CaOCl_2$

C. $CuSO_4 \cdot 5H_2O$ and $CaSO_2 \cdot 2H_2O$

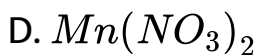
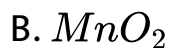
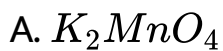
D. None of the above

Answer: B



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22. Red drug is



Answer: C



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23. The chemical formula of salt petre is



B. KNO_3

C. $NaNO_2$

D. $NaNO_3$

Answer: B



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24. The chemical name of salt petre is

A. sodium nitrate

B. sodium nitrite

C. potasslum nitrate

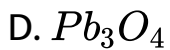
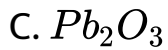
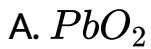
D. potassium nitrite

Answer: C



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25. Red lead is

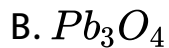


Answer: D



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26. The molecular formula of litharge is



Answer: C



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27. The chemical name of bleaching powder is

A. calcium chloride

B. calcium hypochloride

C. sodium hypochloride

D. sodium hypochloride

Answer: B



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28. Chemical name of nausadar is

A. ammonium chloride

B. sodium carbonate

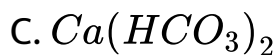
C. calcium carbonate

D. calcium chloride

Answer: A

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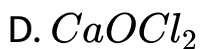
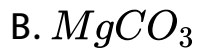
29. Slaked lime on exposure to air gives



Answer: A

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30. The formula of khadia (chalk) is



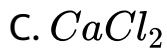
Answer: A



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31. Which of the following is sublimate ?



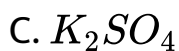
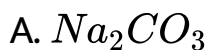


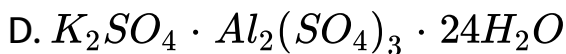
Answer: B



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32. Which of the following is used to stop bleeding during shaving ?





Answer: D



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33. Which compound is used in baking the cake ?

A. NaOH

B. Na_2CO_3

C. $NaHCO_3$

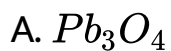
D. None of the

Answer: C



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34. Name the compound used in match industry



Answer: A



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