

Chemistry Q&A - 29th July 2017

Q1. Which of the following is an iron ore?

- (a) Bauxite
- (b) Magnetite
- (c) Lignite
- (d) Nitrite

Ans: b

Q2. Which among the following is liquid non-metal?

- (a) Mercury
- (b) Bromine
- (c) Water
- (d) Alcohol

Ans: b

Q3. Which one of the following is used in making pencils?

- (a) Graphite
- (b) Bone black
- (c) Black ash
- (d) None of these

Ans: a

Q4. Natural rubber is the polymer of which of the following?

- (a) isoprene
- (b) styrene
- (c) butadiene
- (d) ethylene

Ans: a

Q5. Bakelite is a co-polymer of phenol and _____?

- (a) formaldehyde
- (b) acetaldehyde
- (c) benzaldehyde
- (d) cinnaldehyde

Ans: a

Q6. Which one of the following is used as preservative for foodstuff?

- (a) Sodium benzoate
- (b) Picric acid
- (c) Glycerine
- (d) Sodium chloride

Ans: a

Q7. The gas which turns limewater milky is

- (a) carbon dioxide
- (b) carbon monoxide
- (c) ammonia
- (d) nitrogen dioxide

Ans: a

Q8. Catalyst is a substance which

- (a) increases the rate of the reaction
- (b) decreases the rate of reaction
- (c) has no action on the rate of the reaction
- (d) None of the above

Ans: a

Q9. pH value between 6.5-7.5 makes the soil-

- (a) basic
- (b) alkaline
- (c) acidic
- (d) None of these

Ans: d

Q10. Fire-fighting clothes are made from which of the following?

- (a) mica
- (b) asbestos
- (c) talc
- (d) steatite

Ans: b

Q11. The major component in the LPG is

- (a) methane
- (b) butane
- (c) propane

(d) Both (b) & (c)

Ans: d

Q12. Hydrogen is not found in atmosphere because

(a) it is highly inflammable

(b) it is the lightest gas

(c) it is absorbed by plants

(d) it immediately combines with oxygen to form water

Ans: b

Q13. Ozone consists of-

(a) oxygen only

(b) oxygen and nitrogen

(c) hydrogen and carbon

(d) oxygen and carbon

Ans: a

Q14. Galena is a mineral of which of the following?

(a) iron

(b) gold

(c) lead

(d) calcium

Ans: c

Q15. Mercury is a-

(a) solid metal

(b) liquid metal

(c) solid non-metal

(d) liquid non-metal

Ans: b

Q16. Which of the following metals will not react with oxygen, even when heated very strongly in air?

(a) Zinc(Zn)

(b) Aluminium(Al)

(c) Silver(Ag)

(d) Iron(Fe)

Ans: c

Q17. Which of the following element occurs in free in nature?

- (a) Cobalt(Co)
- (b) Iron(Fe)
- (c) Nickle(Ni)
- (d) Platinum(Pt)

Ans: d

Q18. Which of the following pairs will give displacement reaction?

- (a) NaCl solution and copper metal
- (b) MgCl₂ solution and aluminium metal
- (c) FeSO₄ solution and silver metal
- (d) AgNO₃ solution and copper metal

Ans: d

Q19. Which of the following is an anti-diabetic drug?

- (a) Insulin
- (b) Penicillin
- (c) Chloroquine
- (d) Aspirin

Ans: a

Q20. Metal A when dipped in solution of salt of metal B ,then metal B is displaced . this shows that—

- (a) Metal A is more reactive than metal B
- (b) Metal B is more reactive than metal A
- (c) Metal A and metal B are equally reactive
- (d) None of these

Ans: a

Q21. Phenomena in which compounds have same molecular formula but different structures is called-

- (a) multimers
- (b) catenation
- (c) isomerism
- (d) allomerism

Ans: c

Q22. Methyl has molecular formula

- (a) CH₄
- (b) CH₂
- (c) CH
- (d) CH₃

Ans: d

Q23. If OH group is attached to benzene ring, compound form is

- (a) alcohol
- (b) alkyne
- (c) alkene
- (d) phenol

Ans: d

Q24. Self-linking ability of carbon is called

- (a) carbonation
- (b) sublimation
- (c) hydrogenation
- (d) catenation

Ans: d

Q25. Naphthalene balls are obtained from which of the following?

- (a) Carbon
- (b) Coke
- (c) Coal tar
- (d) Coal gas

Ans: c

Q26. Dead organisms are transformed into petroleum & natural gas in—

- (a) Absence of air
- (b) Presence of air
- (c) Presence of sun light
- (d) None of these

Ans: a

Q27. Which of the following is needed by surgeons during surgery?

- (a) Ethane
- (b) Propanol
- (c) Ether

(d) Acid

Ans: c

Q28. Which gas emits from the rice field?

(a) ethane

(b) nitrogen

(c) methane

(d) All of the above

Ans: c

Q29. Which of the following is the end product of alcoholic fermentation?

(a) pyruvic acid

(b) ethyl alcohol

(c) acetaldehyde

(d) formic acid

Ans: b

Q30. Blood cells do not shrink in blood because blood is—

(a) hypertonic

(b) isotonic

(c) equimolar

(d) hypotonic

Ans: b