

Paper: ScienceTotal Marks: 100Month Test: 3rd Term

Obt. Marks: _____

Theme/Unit: _____

Grand Total: 100

Objective/Subjective: ID: _____

Time: _____

Name: _____ class: 8th

Section: _____



Q. no. 1: Encircle the correct answer /48

1. Acids react with metal hydroxides to form

A. salt and hydrogen gas

C. salt and alkali

B. salt and water

D. hydrogen and oxygen

2. When methyl orange indicator is added to a basic solution, the solution turns _____.

A. colorless

C. yellow

B. blue

D. brown

3. Indicators are substances whose solutions change colour due to changes in _____.

A. pH

C. density

B. temperature

D. pressure

4. $\text{HCl} + \text{NaOH} \rightarrow \text{NaCl} + \text{H}_2\text{O}$ What is the type of this reaction?

A. Elimination reaction

C. Single displacement reaction

B. Neutralisation reaction

D. Combustion

5. When a few drops of phenolphthalein indicator are added to an acidic solution, the solution turns _____.

A. blue

C. violet

B. colorless

D. light pink

6. $\text{Zn} + \text{H}_2\text{SO}_4 \rightarrow ?$ Which of the following gases releases?A. O_2 C. H_2S B. SO_2 D. H_2

7. Which of the following acids is found in grapes?

A. Tartaric acid

B. Lactic acid

C.Turmeric acid

D.Citric acid

8. Generally, metal oxides and hydroxides are _____.

A.acids

C.non-metals

B.bases

D.amphoteric

9. To neutralize the acidity of stomach, _____ is used.

A.Sodium bicarbonate

C.potassium hydroxide

B.aluminium hydroxide

D.calcium hydroxide

10. Acid+carbonate→?

A.Salt+H₂

C.Salt+H₂O

B.Salt+H₂O₂

D.No reaction

11. CaCO₃+2HCl→? Which of the following gases will evolve?

A.H₂O₂

C.N₂O

B.H₂O

D.CO₂

12. Methyl orange, when added to a solution, turned it red. This indicates that the solution was...

A.highly basic

C.slightly basic

B.neutral

D.highly acidic

13. Which of the following acids is found in lemon?

A.Tartaric acid

C.Turmeric acid

B.Lactic acid

D.Citric acid

14. Which of the following is used for acid burn?

A.Sodium hydroxide

C.Magnesium hydroxide

B.calciumhydroxide

D.Hydrochloric acid

15. What are the two divisions of the nervous system?

A.Central and functional

C.Sympathetic and parasympathetic

B.Motor and sensory

D.Central and peripheral

16. Which of the following type of neuron carry message from different type of cell towards CNS?

A.Sensory neurons

B.Motor neurons

C.All of these

D.Interneurons

17. What is the correct sequence of neurons used to carry reflex information to and from the spinal cord?

A.Sensory Neuron→Interneuron→Motor Neuron

B.Interneuron→Sensory Neuron→Motor Neuron

C.Sensory Neuron→Motor Neuron→Interneuron

D.Motor Neuron→Sensory Neuron→Interneuron

18. Which one of the following illustrates a reflex arc?

A.Brain→Spinal cord→Muscle

B.Receptor→Muscle→Brain

C.Receptor→Spinal cord→Muscle

D.Brain→Receptor→Muscle

19. Pulling hand away from hot iron is an example of

A.Voluntary actions

C.Effective nervous system

B.Involuntary actions

D.Reflex action

20. Which of the following are the main functions of kidneys?

A.Creating hormones.

B.Blood filtration and removal of wastes.

C.Control the body's secretion

D.All of these

21. The distal convolute tubules of many individual kidney nephrons converge onto a single :

A.collecting duct

C.descending duct

B.loop of Henle

D.ascending duct

22. Which are the main causes of kidney failure

A.All of these

B.Drug over dose

C.Diabetes mellitus

D.Hypertension

23. The higher level of _____ in blood can cause kidney stones.

- A. Nitrogenous waste
B. sodium
C. Calcium
D. All of these

24. Renal tubules of nephron consists of which of the following parts?

- A. Distal convoluted tubules and loop of Henle
B. Proximal convoluted tubules and distal convoluted tubules
C. Proximal convoluted tubules and loop of Henle
D. All of these

25. The word "Renal" is used for:

- A. Intestines
B. Kidneys
C. Pancreas
D. Lungs

26. The structure that consists of tuft of capillaries is called

- A. Loop of Henle
B. Proximal convoluted tubule
C. Glomerulus
D. distal convoluted tubule

27. Hydrochloric acid can be neutralized by

- A. Sodium hydroxide
B. Water
C. Nitric acid
D. Citric acid

28. What would you expect the pH of dilute acid to be?

- A. 14
B. 1
C. 9
D. 7

29. What is the source of stearic acid.

- A. lipids
B. proteins
C. fats
D. none of these

30. Formula of acetic acid

- A. CH_3COOH
B. CH_2COOH
C. CHCOOH
D. none

31. Impulses may travelper sec

A.130m

C.150m

B.140m

D.160m

32.....technology us used to treat kidney problem

A.surgery

C.none.

B.x.ray

D.lithotripsy

Answer these questions 52

1. Detail note on treatment of malfunction of kidney? 10

2. How kidney perform its function? 10

