

Paper: ScienceTotal Marks: 48Month Test: \_november\_

Obt. Marks: \_\_\_\_\_

Theme/Unit: \_8 - 14\_Grand Total: \_100\_

Objective: \_\_\_\_\_

ID: \_\_\_\_\_

Time: \_\_\_\_\_

Name: \_\_\_\_\_

class: \_7<sup>th</sup>\_

Section: \_\_\_\_\_



Q. No. 1: Encircle the correct option:

1. Pure water has PH value near about
  - a. 9
  - b. 10
  - c. 7
  - d. 12
2. Turbidity of dirty water is removed by:
  - a. Ferric Hydroxide
  - b. Liquid chlorine
  - c. Sodium carbonate
  - d. Potassium permanganate
3. Pathogens in water are:
  - a. Suspended particles
  - b. Disease causing germs
  - c. Harmless germs
  - d. Dissolved salts
4. Removal of waste from water is carried out during:
  - a. Screening
  - b. Pumping
  - c. Storage
  - d. All
5. One is not a chemical change:
  - a. Glowing of bulb
  - b. Rusting
  - c. Decaying
  - d. None
6. One is non-reversible process:
  - a. Digestion
  - b. Evaporation
  - c. Sublimation
  - d. All
7. Which gas is used in preparation of banaspatighee?
  - a. Oxygen
  - b. Nitrogen
  - c. Hydrogen
  - d. Potassium
8. Tearing a piece of paper is:
  - a. Physical change
  - b. Chemical change
  - c. No change
  - d. All
9. Light brings chemical change in materials. This fact is use in
  - a. Autography
  - b. Photography
  - c. Geography
  - d. None
10. The outermost shell of sodium is:
  - a. K
  - b. L
  - c. M
  - d. K ,L, M
11. Ammonium ion is
  - a.  $\text{NH}_3$
  - b.  $\text{N}_2$
  - c.  $\text{NH}_4^+$
  - d. N
12. Lithium atom has \_\_\_\_\_ shells.
  - a. 3
  - b. 2
  - c. 4
  - d. 5
13. Hydrogen has isotopes:
  - a. 2
  - b. 3
  - c. 1
  - d. None
14. Formula of glucose is:
  - a.  $\text{C}_{12}\text{H}_6\text{C}_6$ .
  - b.  $\text{C}_6\text{H}_6\text{C}_6$ .
  - c.  $\text{C}_6\text{H}_{12}\text{O}_6$ .
  - d.  $\text{C}_6\text{H}_{12}\text{O}_{12}$ .
15. Father of chemistry :

- a. Jabir bin Hayyan  
b. Ibn Hasham
16. Electrons move around the nucleus in spherical shells called:  
a. Orbits  
b. Spherical  
c. Bu – Kalam  
d. None
17. A lichen is a combination of an:  
a. Ferns  
b. Alga  
c. Movement  
d. All
18. Cactus is a \_\_\_\_\_ plant:  
a. Wetland  
b. Grassland  
c. Alga and fungus  
d. All
19. Male gametes are:  
a. Sessile  
b. Motile  
c. Desert  
d. Tundra
20. Water from the soil moves into the root hair through:  
a. Effusion  
b. Diffusion  
c. Both a & b  
d. None
21. \_\_\_\_\_ a disease which is caused by the lack of oxygen in the heart.  
a. Myocarditis  
b. Therosclerosis  
c. Angina  
d. None
22. Respiration without using oxygen is called:  
a. Aerobic respiration  
b. Anaerobic respiration  
c. Both a & b  
d. None
23. The term ecosystem was first used by  
a. Barney  
b. Clark  
c. Roy clapham  
d. None
24. Blood flows from the veins into the upper chamber called:  
a. Atria  
c. Valve

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Subjective:

Name: \_\_\_\_\_

ID: \_\_\_\_\_

class: 7<sup>th</sup>Total Marks: 52

Obt. Marks: \_\_\_\_\_

Grand Total: 100

Time: \_\_\_\_\_

Section: \_\_\_\_\_

b. Ventricles

d. All

Q. No. 1: Short Questions:

/30

1. Why an atom neutral as whole?

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2. Define valency?

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3. Define sublimation?

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4. What is condensation?

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5. What do you know about humus?

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6. What is thermo set plastics?

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7. Define Air floatation process?

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8. Name two lakes of Pakistan?

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9. Define Humidity?

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10. Define food web?

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11. What are decomposers?

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[illegible]

1. What is meant by chemical formula? Explain with example of HF? /6

/6

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

2. What is physical change? Explain with one example? /5

3. What is purification of water? Explain the process with different steps? /6

/5