

GOVT. DEGREE COLLEGE HINGORJA

Test Paper - Subject: Chemistry (XI)

Date:	_____	Time:	_____
Instructor:	Prof. Ahmed Khan	Duration:	10:00 AM - 11:30 AM
Max Marks:	50	Min Marks:	25
Class:	XI		

STUDENT NAME: _____

SECTION: _____

1. The number of significant figures in 0.01010, 2.000 and 50.00

A) 4, 4, 4

B) 6, 4, 4

C) 5, 1, 4

D) 5, 4, 2

2. 2.99 Report answer 2 SF

A) 10.0

B) 100

C) 100

D) NOT

3. which is chemical symbol of tungsten elements

A) T

B) Ti

C) W

D) Tu

4. correct name of $Mg(NO_3)_2$

A) Magnesium nitrate

B) Magnesium nitrite

C) Magnesium nitro

D) Magnesium nitrile

5. free Radical contain

A) ve share

B) even number electron

C) odd number of electron

6. combining capacity of nitrogen

A) +2

B) -2

C) +3

D) -3

7. Chemistry is the branch of

A) physical

B) chemical

C) natural

D) biological

8. correct formula of magnesium phosphate

A) $MgSO_4$

B) $CaSO_4$

C) $Mg_3(PO_4)_2$

D) Mg_2PO_4

9. 2 mole of nitrogen gas contain

A) 28g

B) $4N_A$ atoms of nitrogen

C) 14g

D) 42g

10. meaning of mole

A) unit

B) particle

C) pile

D) nano

11. which is example of mono atomic molecule

A) nitrogen

B) bromine

C) neon

D) iodine

12. 4 moles of hydrogen gives moles of water

A) one

B) two

C) three

D) four

13. Concept of relative atomic mass given by
 A) Dalton
 B) J. Thomson
 C) Avogadro
 D) NOT
14. 8 kg of water contain grams of hydrogen
 A) 222 g
 B) 444 g
 C) 1000 g
 D) 888 g
15. Find out mass of CO_2 ? CaCO_3 which is 50 percent pure decompose completely
 A) 11
 B) 22
 C) 5.5
 D) NOT
16. plus on reactant side called
 A) react with
 B) and
 C) what
 D) AOT
17. number of atoms of oxygen in 45 g of glucose
 A) 7.4×10^{23}
 B) 3.01×10^{23}
 C) 9.03×10^{22}
 D) 2.8×10^{22}
18. How many moles of oxygen in 45 liters
 A) 2
 B) 2
 C) 3
 D) 5
19. 20 g of oxygen react with 30 g nitrogen to ammonia which is limiting and excess respectively
 A) O_2 and N_2
 B) N_2 and O_2
 C) both consume at same time
20. if atom loss electron carrycharge
 A) $+ve$
 B) $-ve$
 C) no charge
 D) NOT
21. 40 g SO_3 Produce dm^3 of oxygen
 A) 5.6
 B) 11.2
 C) 22.4
 D) 33.6
22. actual yield always than practical yield
 A) less
 B) greater
 C) equal
 D) AOT
23. 4 g of nitrogen and 4 g of hydrogen produce NH_3 grams
 A) 8 g
 B) 5 g
 C) 22.6 g
 D) 11 g
24. find out percentage yield of CO_2 when 50 g CaCO_3 gives only 6 g
 A) 27
 B) 50
 C) 17
 D) 25
25. 20 ml of oxygen react with 20 ml hydrogen to form ammonia which is L.R
 A) Hydrogen
 B) oxygen
 C) water
 D) NOT