

## T.Y.BSc. SEM 6 MOCK TEST INORGANIC CHEMISTRY (REGULAR)

Q.1. Which metal is present in cyanocobalamine?

- a)Fe
- b)Co
- c)Ge
- d)Mg

Q.2. Ascorbic acid oxidase is a plant enzyme containing

- a)Cu
- b)Fe
- c)Cr
- d)Mo

Q.3 Number of  $\text{Na}^+$  ions are expelled out by sodium ion pump.

- a)2
- b)3
- c)4
- d)5

Q.4. Azurin is ..... protein.

- a)Cu
- b)Mo
- c)Mg
- d)Na

Q.5. Hemocyanin contains.....

- a)Mo
- b)Cu
- c)Mg
- d)Na

Q.6.....lp are present in  $\text{XeF}_6$  molecule.

- a)0
- b)1
- c)3

d)2

Q.7. The shape of XeOF<sub>2</sub> is

a)T shape

b)see-saw shape

c)trigonal planar

d) pentagonal bipyramidal

Q.8. What is the steric number & formula type of XeO<sub>3</sub> molecule?

a)4 ,AB<sub>3</sub>E

b)3 ,AB<sub>3</sub>E

c) 5 ,AB<sub>2</sub>E<sub>3</sub>

d)4 , AB<sub>2</sub>

Q.9 is used for filling incandescent electric bulbs.

a)Ne

b)Ar

c)Xe

d)He

Q.10.On the basis of VSEPR theory steric number of XeO<sub>2</sub>F<sub>2</sub> molecule is

a)5

b)6

c)4

d)8

#### ANSWER KEY

Q1	B
Q2	A
Q3	B
Q4	A
Q5	B
Q6	B
Q.7	A
Q8	A
Q.9	B
Q10	A