

MSc Sem -2(OLD SYLLABUS) INORGANIC CHEMISTRY

MOCK TEST

Q.1 Which protein is involved in iron transport?

- a) Transferrin
- b) Catalase
- c) peroxidase
- d) metalloproteins

Q.2. In one ferritin unitamino acids present.

- a) 163
- b) 23
- c) 144
- d) 104

Q.3. Which metal is present in cyanocobalamin?

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

Q.4. Copper superoxide dismutase a protective metalloenzyme

- a) converts toxic superoxide ion into carbon dioxide molecule
- b) converts toxic superoxide ion into oxygen molecule
- c) gives oxygen free radical
- d) gives carbon monoxide free radical

Q.5. Fe-S protein cluster has a type

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

Q.6. Which metalloprotein is responsible for storage of oxygen in muscles.

- a) myoglobin

b) Hemoglobin

c) ferritin

d) transferrin

Q.7. What is the biological role of sodium & potassium

a) Membrane potentials & condensation of polyelectrolytes

b) d-d transition

c) p-d transition

d) no transition

Q.8. What is the oxidation number of Fe in Fe-S protein?

a) +2, +4

b) +2, +3

c) +1, +3

d) +5, +3

Q.9. How many heme units are present in hemoglobin?

a) 4

b) 2

c) 6

d) 3

Q.10. Role of ferritin protein in biological process is

a) Metal ion storage

b) oxygen transport

c) carbon dioxide transport

d) sulphur transport

Q.11. Affinity of hemoglobin towards CO is than oxygen.

a) More

b) less

c) equal

d) not equal

Q.12. Mercury toxicity in human leads to

a) mental retardation

b) water pollution

c)air pollution

d)As

Q.13.If 50% inhalation of lead .It gets absorbed in

a)lungs

b)heart

c)liver

d)kidney

Q.14.Cadmium exposure may causedamage

a)hand

b)kidney

c)nails

d)hair

Q.15 is caused by Cd exposure

a)kinkling of hair

b)night blindness

c)Itai -itai

d)Scurvy

Q.16 is the first Cd polluted country.

a)China

b)Japan

c)America

d)India

Q.17.Which is the most water polluted city in India?

a)Indore

b)Jharkhand

c)Mumbai

d)Jammu Kashmir

Q.18.What is the natural source for Radiation Pollution?

a)Weapons

b)Cosmic rays

c)Industries

d)Electronic devices

Q.19.Tidal energy is rise .of water of ocean,produced by attraction of Moon & Sun.

a) periodic

b) stationary

c)light

d)heavy

Q.20.In human body deposited in.....part of body.

a)Pb & bones

b)Cd & lungs

c)Pb & nails

d)Cd &nails

Answer key mock test sem- 2(old)

Q.1	a
Q.2	a
Q.3	b
Q.4	b
Q.5	a
Q.6	a
Q.7	a
Q.8	b
Q.9	a
Q.10	a
Q.11	a
Q.12	a
Q.13	b
Q.14	b
Q.15	c
Q.16	b
Q.17	b
Q.18	b
Q.19	a
Q.20	a

