



Target MLT

Class-5

TOP



MLT MCQS

- **RRB - LA / LS**
- **AIIMS - JLT/SLT**
- **PGIMER Chandigarh**
- **MHSRB Telangana**





Target MLT

The bore size of needle commonly used in blood donation is ____ gauge.

A) 21 ✓

B) 22 ✓

C) 16 ✓✓

D) 20 ✓

⇒ Less the diameter
more the value in gauge

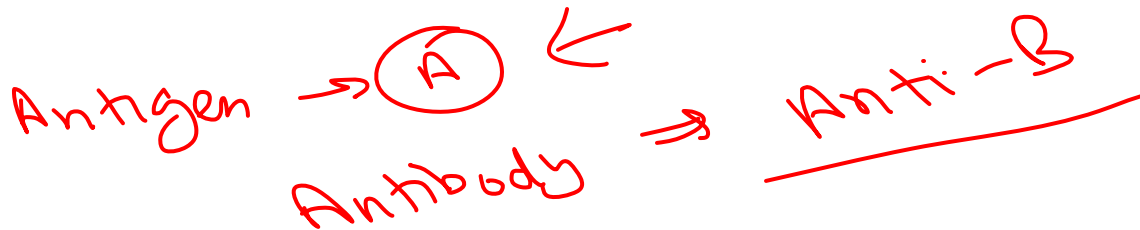
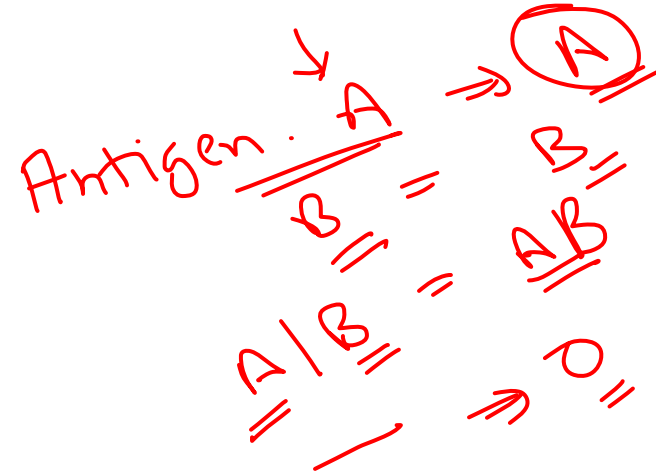
⊗ 16 gauge ⇒ more diameter
23 gauge ⇒ Childrens



Target MLT

Which antibodies are found in the plasma of a person with type A blood?

- A) Anti-B, but not anti-A
- B) Neither Anti-A nor Anti-B
- C) Both Anti-A and Anti-B
- D) Anti-A, but not Anti-B





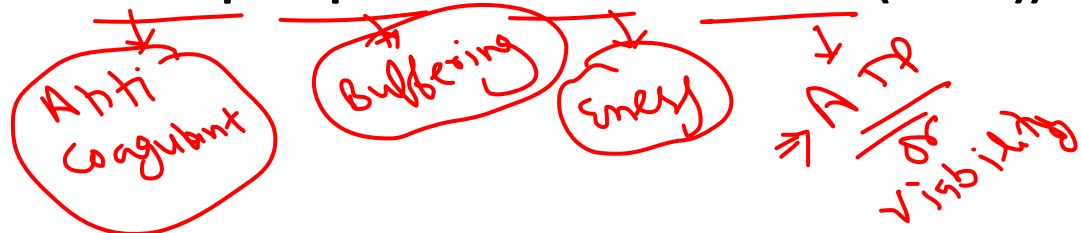
Target MLT

Which anticoagulants is used to store blood in a blood bank?

- A) Heparin
- B) Oxalates
- C) Citrates
- D) Disodium

Natural Anticoagulant :-

Citrate-phosphate-dextrose (CPD) and citrate-phosphate-dextrose-adenine (CPDA)





Target MLT

PRP

Platelet rich plasma is prepared in how much hour after collection?

- A) 24 hrs ✓
- B) 8 hrs ✓
- C) 6 hrs ✓**
- D) Any time but should be refrigerate



Target MLT

✓ ✓ ✓
The role of Hepatic Portal System is to-

- A. Transport oxygenated blood to liver
- B. Drain blood from the liver to heart
- C. Deliver nutrients from digestive tract to liver
- D. Supply blood to pancreas



Target MLT

Q

✓

Which hormone is secreted by adrenal medulla & is involved in fight & flight response-

- A. Cortisol
- B. Epinephrine**
- C. Aldosterone
- D. Insulin

Adrenaline
or
epinephrine

Respiration
Heart beat

Emergency
not hormone



Target MLT

Which of the following enzymes is responsible for the breakdown of starch into glucose

~~A. Lipase~~

→ lipids ✓

B. Amylase

→ starch

~~C. Protease~~

→ proteins / peptide

~~D. Lactase~~

→ lactose (disaccharide)



Target MLT

Blue Green Algae → (1/11)

Which characteristic is commonly used to classify bacteria

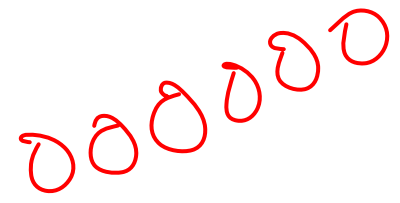
- A. Ability to photosynthesize
- B. Presence of a nucleus
- C. Shape and arrangement**
- D. Size in micro meters

→ Cyanobacteria

⇒ ??

X

All Bacteria lack true nucleus.



- Cocci



- Bacilli



S.P. 1

- Vibrios



Target MLT

Excess collection of fluid in peritoneal cavity is known as

A. Anasarca ✓

B. Ascites ✓

C. Pleural effusion → Pleural space,

D. Pedal Edema → Edema, legs



Target MLT

✓ ⊗ ✓ ??
Collection of lymph fluid in the pleural space-

A. Hemothorax →

B. Pneumothorax →

C. Chylothorax →

D. None of the above ✗

Blood
Air in pleural space,
lymph fluid



Target MLT

53

playlist

Telegram link

Crash course
Pds + mcd

When a person has a normal body temperature it is called-

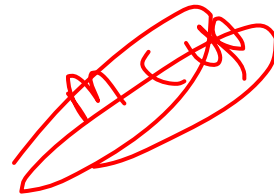
- A. Afebrile
- B. Febrile
- C. Pyrexia
- D. Hypothermia

Bacteriology

Gas gangrene -

O2

Spore





Target MLT

Exothermic \Rightarrow Heat Release Crash course
Endothermic \Rightarrow Heat absorb

The primary source of heat in the body is-

- A. Sunlight
- B. Metabolism**
- C. Heart beat
- D. Circulation

2000+

5 Oct - 4 Nov

1 part



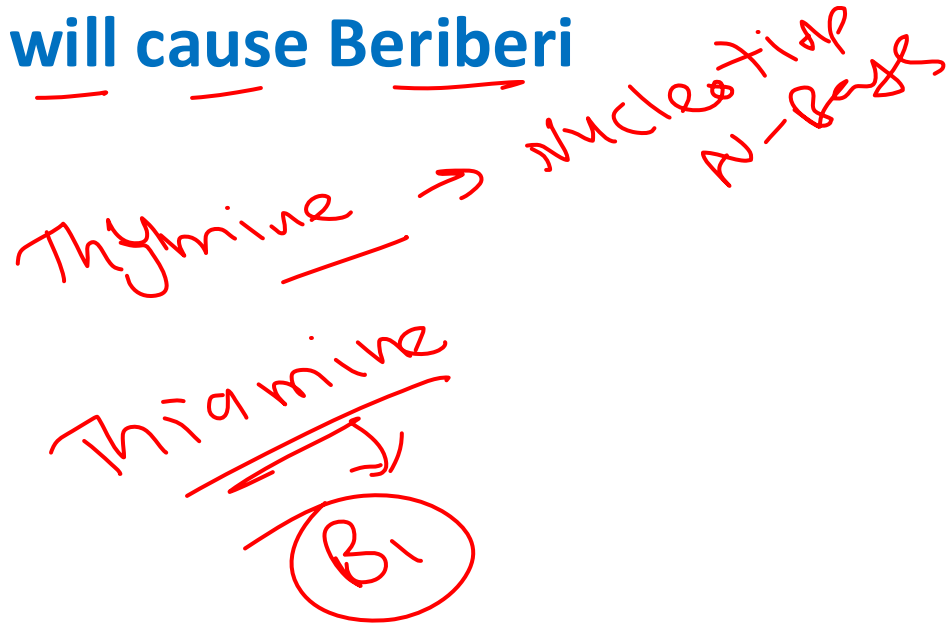


Target MLT



Which Vitamin deficiency will cause Beriberi disease/Disorder

- A. Vitamin B12 →
- B. Vitamin B2 →
- C. Vitamin B1** →
- D. Vitamin B3 →





Target MLT

?

Which of the following is considered a macronutrient-

A. Vitamins

B. Minerals

C. Carbohydrates

D. Antioxidants

↓
Large amount

↓
Carbohydrate
Proteins
fat



Target MLT

✓ ✓
Which mineral is crucial for the formation of hemoglobin -

- A. Zinc
- B. Calcium
- C. Magnesium
- D. Iron**

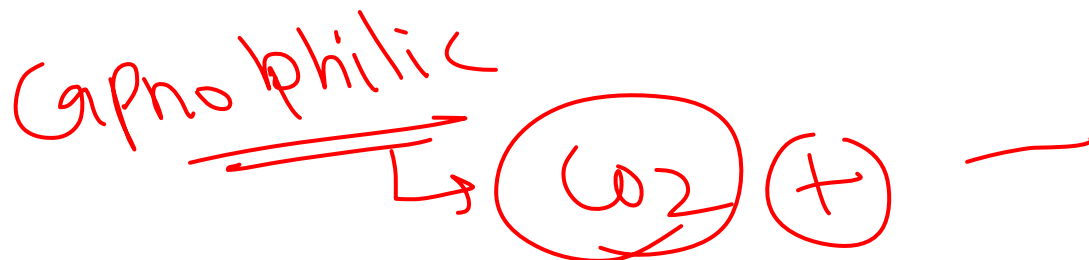
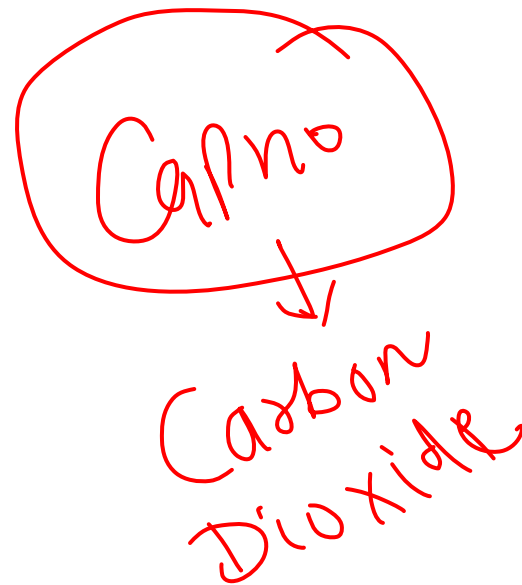


Target MLT

D ~~R~~ ~~R~~

Capnography is a measurement of-

- A. CO₂ concentration
- B. H ion concentration (pH)
- C. Bicarbonate concentration
- D. Anion gap





Target MLT

PCR
↓
Polymerase
Chain
Rxn

What is the full name of "ELISA" -

- A. Enzyme licensed immune solution activity. ✗
- B. Enzyme linked immune sorbent assay.** ✓
- C. Enzyme linked integrated solution activity. ✗
- D. Enzyme linked immune solution assay. ✗



Target MLT

ad es

vector →

Dengue virus

will reduce which type of blood cell-

- A. Neutrophils
- B. Platelets**
- C. Monocytes
- D. Eosinophils

Bone Break fever

Thrombocytopenia

* ~~Platelet~~

Reduced Platelet Count

* NSI Test



Target MLT

A system which is used to help the storage and transportation of vaccination at low temperature is-

~~A. Cold box.~~

B. Cold chain.

~~C. Refrigerator.~~

~~D. Cold container~~



Target MLT

Ab.

Which of the following immunoglobulins is first produced during acute infection-

A. IgG

B. IgE

C. IgM

D. IgD

Acute \Rightarrow Recent Infection
Chronic \Rightarrow Long Time infection
IgG