## MHT CET 2024 PCB April 29 Shift 2 Answer Key

1.	The cells that usually store fats in animals' bodies are
	ver: Adipocyte
2.	Humification results in the formation of substance called humus.
Answ	ver: Amorphous
	Out of 95% of sulfur water lost by plants in the atmosphere through aerial parts, the water lost in liquid form constituents is
3.	
Answ	ver: Guttation
4.	
	After four successive mitotic divisions of cell arithmetic growth pattern the total number of cells that have lost the ability of cell division is/are
Answ	ver: 4
	Select the correct statements:  1) The air sac of each tertiary bronchi shows 10 to 12 alveoli.  2) Each alveolus is surrounded by a network of capillaries.  3) They are lined by ciliated pseudostratified epithelium.

4) They provide surface area for the exchange of gases.

5) There are about 700 million alveoli.

**Answer: 1, 2, 4, 5** 

Which of the following cases decreases blood pressure?

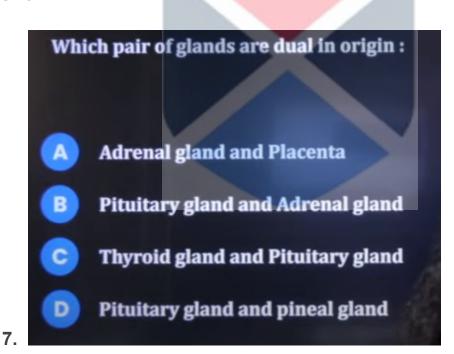
Blood loss in accident.

Blood loss in accident.

Clincrease in peripheral resistance.

Dlincrease in secretion of ADH.

## Answer: A



**Answer: B** 

Two pollen grains consist of
A One vegetative and one male gamete
B Two male gametes
One vegetative cell and one generative cell
One generative cell and one male gamete  8.
Answer: C
Crystalline structure, sweet taste, and water solubility are characteristic features of?
Answer: Monosaccharides
Nonliving pair of colloid aggregation of lipids are proteinoids are an respectively.
Answer: Micelles, Coacervates
Most abundant glial cells of CNS are?
Answer: Astrocytes

Exudation of xylem sap at the cut ends of the stem is due to \_\_\_\_\_ pressure.

**12**.

**Answer: Root** 

A new breed of sheep developed from the crossing of Bikaneri is \_\_\_\_\_

**Answer:** Crossbred sheep

Match the following:

'Animal' 'Excretory Organs'

Earthworm Tube feet

Crustaceans Metanephridia

Insects Green gland

Echinoderms Malpighian tubules

14.

**Answer: Crustaceans: Green gland** 

Earthworm: Metanephridia Echinoderms: Tube feet Insects: Malpighian tubules

During DNA replication, the breaking of hydrogen bonds between two parental strands and their unwinding is catalyzed by \_\_\_\_\_\_ enzymes.

**15**.

**Answer: Helicase** 

The incubation period in syphilis is normally \_\_\_\_\_

16.

**Answer: 3-4 weeks** 

The presence of large odour and dull flowers are Seen in which type of pollination.

**Answer:** Entomophilous

Sequence from fertilization to Gestation.

zygote -> Mosula -> Blastula
J
Gastula

**Answer:** 

19.

How many atp are used in glycolysis.

**Answer: 2 ATP** 

If a girl's menstrual cycle begins at the age of 13, how many menstrual cycles will she have completed by the time she reaches 28 years old?

Answer: 208

20.