

KHM HIGHER SECONDARY SCHOOL VALAKKULAM
FIRST MIDTERM EVALUATION - 2023
BIOLOGY

Time: 40 minutes

STD:X

Max.Marks:20

Identify the word pair relation and fill up the blanks. (3)

- 1) Hypothalamus ; Maintenance of homeostasis.
 ;Controls involuntary actions
- 2) Dendrite; recieve impulses from adjacent neuron
 ;Carries impulses from the cell body to axonite
- 3) Cerebrum ; controls voluntary movements
 Cerebellum ;

Identify the odd one and write the common feature of others.

(2)

- 4) [Dendrite ,Axon , Cerebellum , Synaptic knob]
- 5) [Dorsal root,Thalamus, Ventral root,Central canal]

6) Fill in the blanks (4)

Nerves	Functions
Sensory nerve(a).....
..... (b).....	Carry impulse from brain and spinal cord to different organs and vice versa
.....(C).....(D).....

Answer the following question.

- 7) Identify the fluid inside brain ?what is its function ? (2)
- 8) Synapse is the part where two neurons meet only. (2)
 Do you agree with this statement ? Why?
- 9) The causes for nerve disease is given below. (3)
(decreased production of dopamine)
 - a) what is this diseases?
 - b) what are the symptoms of this disease?

10) Copy the diagram and label the parts according to the following questions. (4)



- a) The part which sensory impulse reach the spinal cord.
- b) The part which motor impulses go out of the spinal cord.
- c) Which part do you see cerebrospinal fluid.