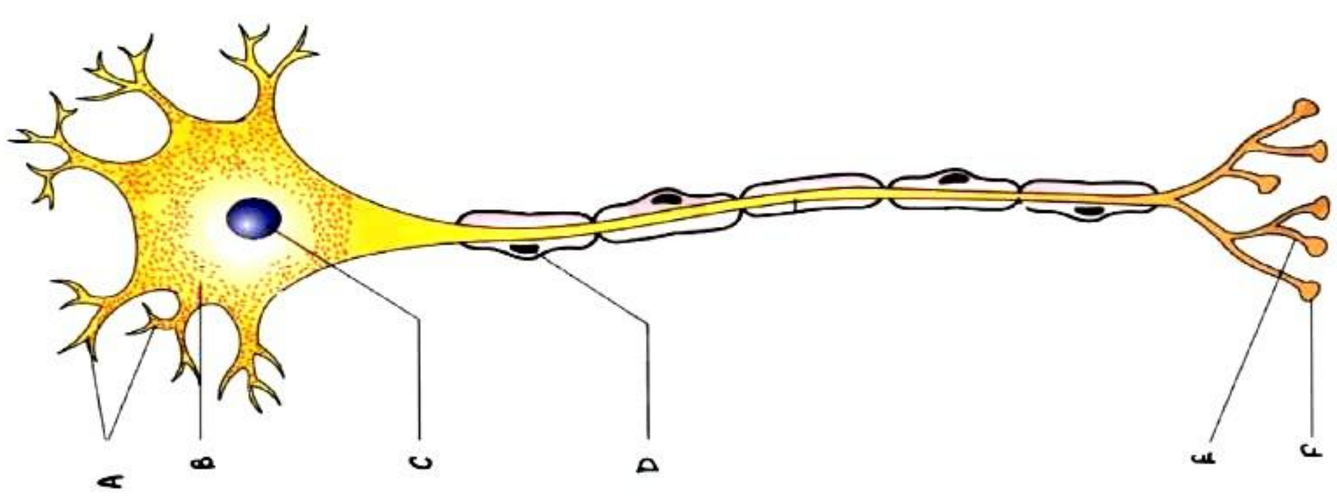
Neural Control and Coordination

Set – 1

Q1. Select A, B, C, D, E and F respectively



A. Dendrites, Nissl's granules, Cell Body, Nucleus, Schwann Cell, Synaptic Knob

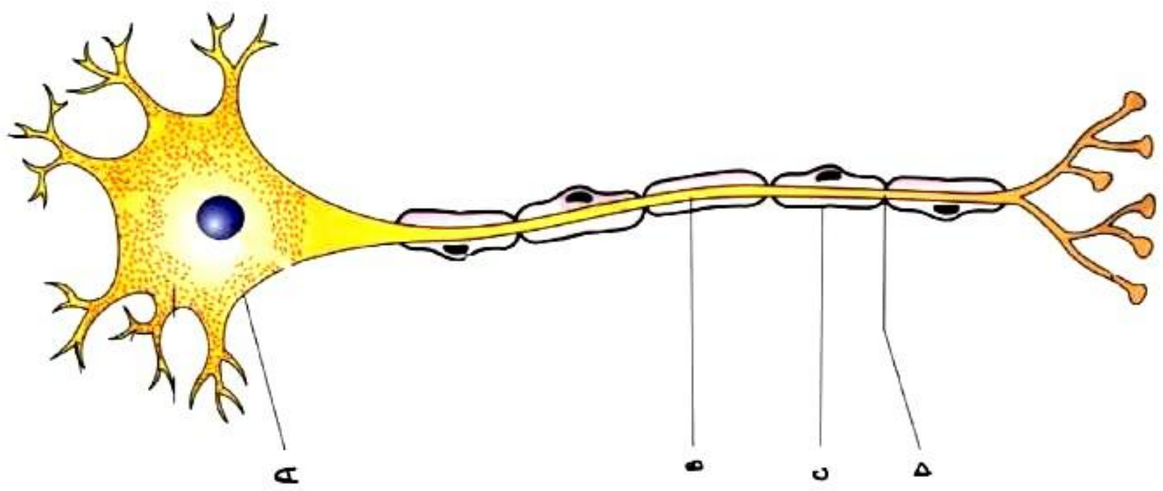
B. Dendrites, Nissl's granules, Nucleus, Schwann Cell, Axon terminal, Synaptic Knob

C. Dendrites, Nissl's granules, Nucleus, Schwann Cell, Synaptic Knob, Axon Terminal

D. Axon, Nissl's granules, Nucleus, Schwann Cell, Synaptic Knob, Axon Terminal

Ans. (B)

Q2. Select A, B, C, and D respectively



A. Cell body, Myelin sheath, Nodes of ranvier, Axon

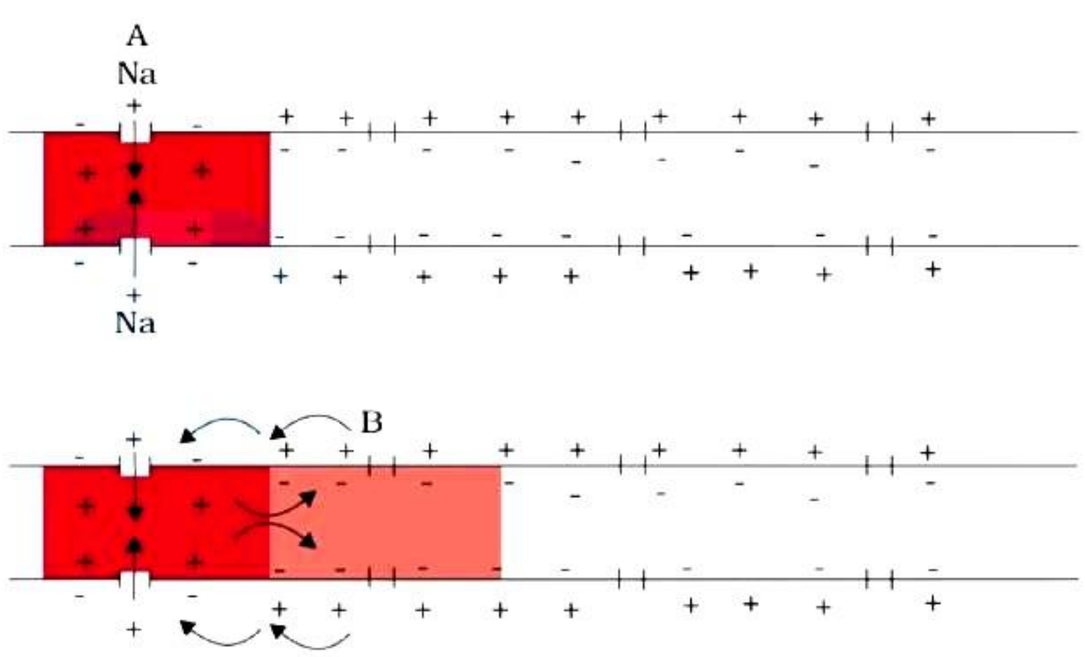
B. Cell body, Axon, Myelin sheath, Nodes of ranvier

C. Cell body, Axon, Nodes of ranvier, Myelin sheath
D. Cell body, Axon, Nodes of ranvier, Axon terminal

Ans. (B)

Set – 2

Q1. What does the following figure show?

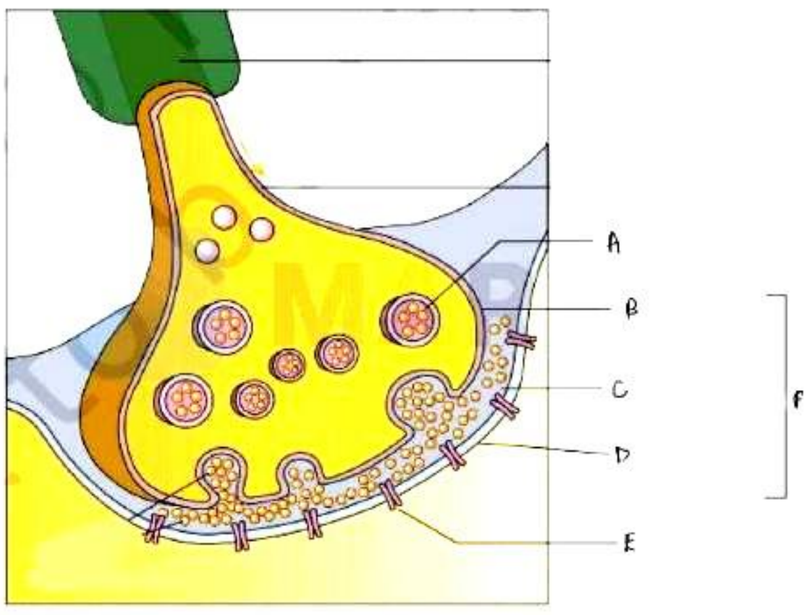


A. Impulse conduction
B. Neural conduction
C. Electric conduction
D. Ionic conduction

Ans. (A)

Set – 3

Q1. Select A, B, C, and F respectively



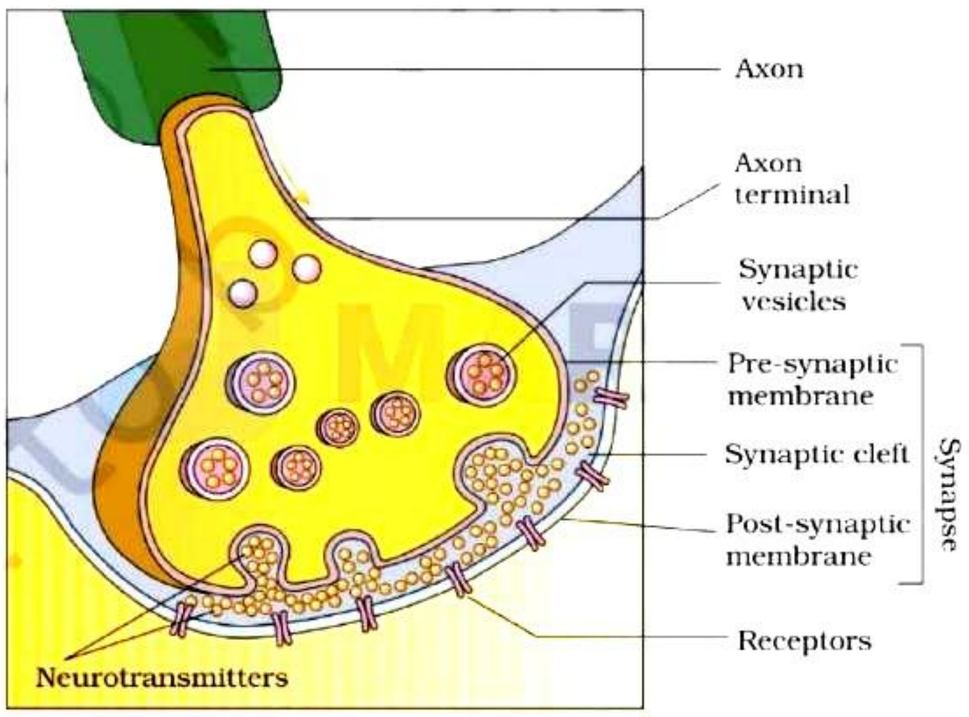
A. Axon, Cleft, Synapse, Synaptic cleft
B. Axon, Axon terminal, Synaptic cleft, Synapse

C. Axon, Axon terminal, Synapse, Synaptic cleft

D. Nerve, Axon, Synaptic cleft, Synapse

Ans. (B)

Q2. Select the correct statement with respect to the following figure.



A. A nerve impulse is transmitted from one neuron to another through junctions called synapses.

B. add an electrical synapse the members of pre-and post Synaptic neurons are separated by Synaptic cleft.

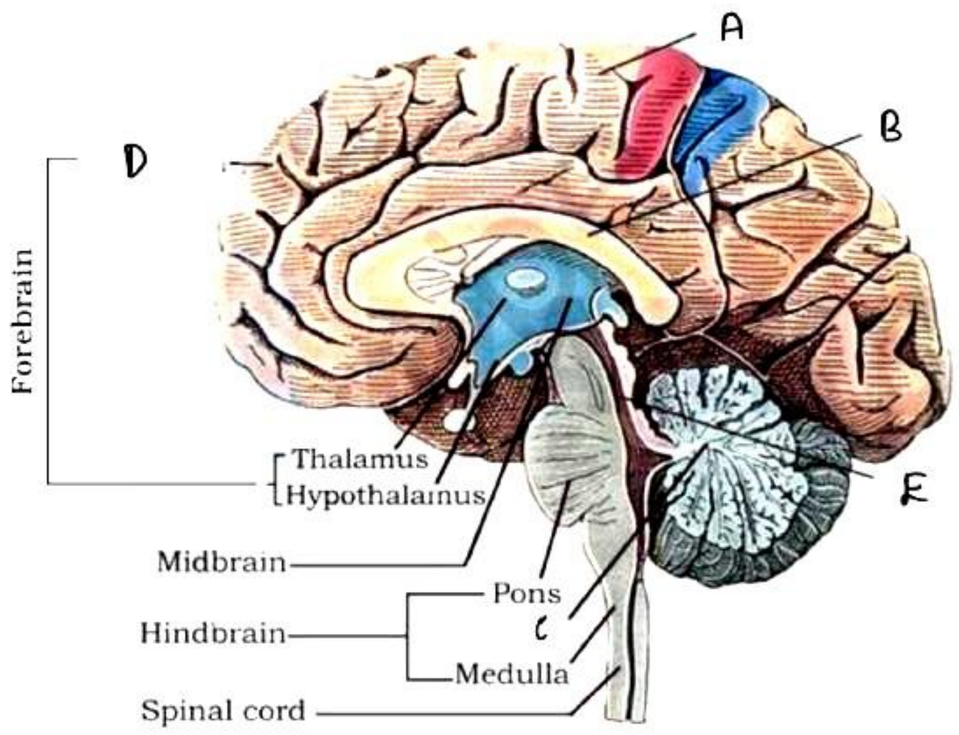
C. chemicals called Nissl's granules are involved in transmission of impulses.

D. The potential developed is always inhibitory.

Ans. (A)

Set – 4

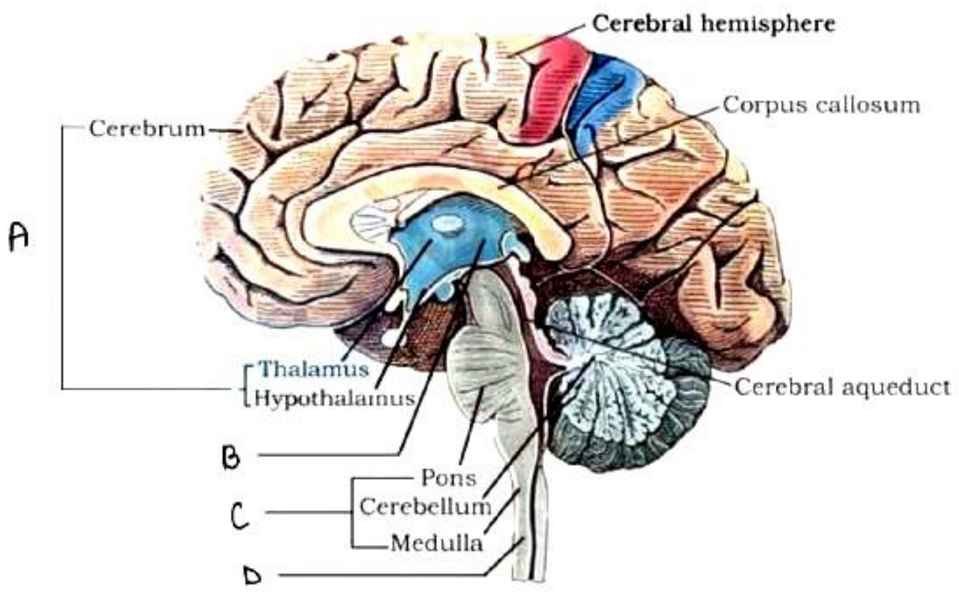
Q1. Select A, B, C, D and, E respectively



A. Cerebrum, Cerebellum, Cerebral aqueduct, Corpus callosum, Cerebral hemisphere
B. Cerebral hemisphere, Corpus callosum, Cerebrum, Cerebellum, Cerebral aqueduct
C. Cerebral hemisphere, Corpus callosum, Cerebellum, Cerebrum, Cerebral aqueduct
D. Cerebral hemisphere, Cerebral aqueduct, Cerebellum, Cerebrum, Corpus Callosum

Ans. (C)

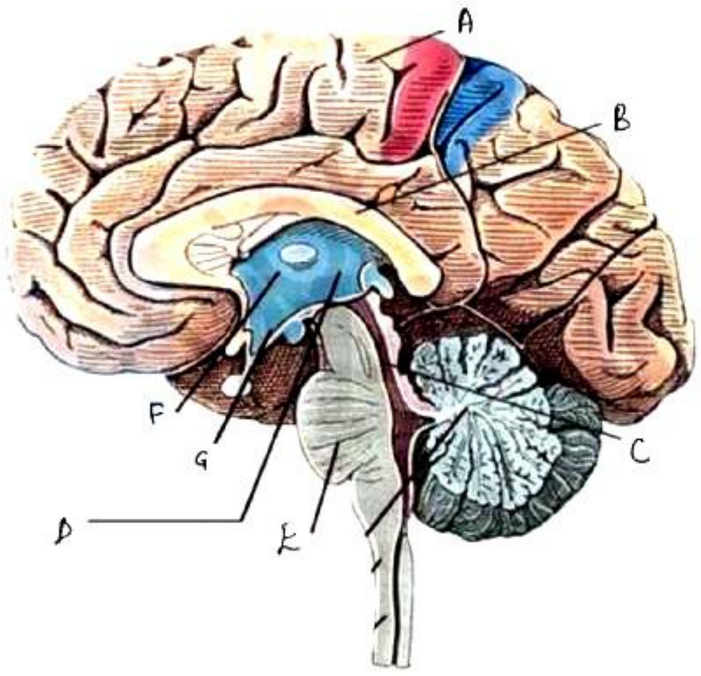
Q2. Select A, B, C, D respectively



A. Fore brain, Mid brain, Hind Brain, Spinal cord
B. Mid brain, fore brain, Hind brain, Spinal cord
C. Fore brain, Hind brain, Mid brain, Spinal cord
D. None of the above

Ans. (A)

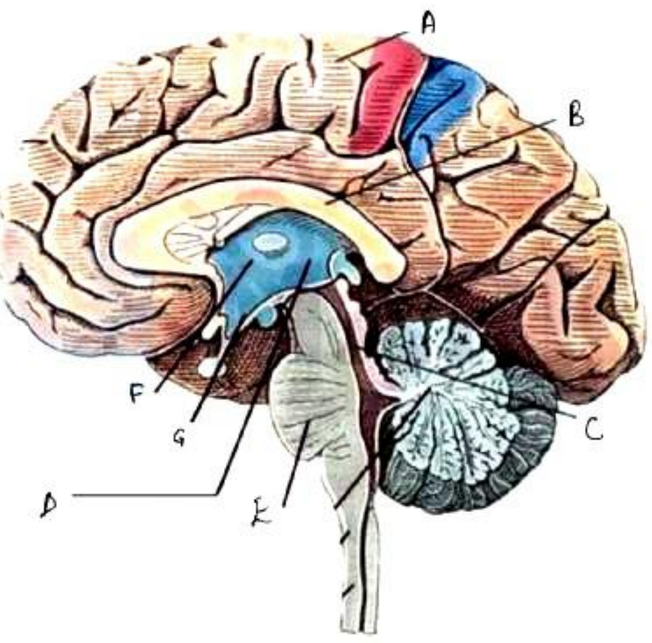
Q3. Select A, D, E, and G respectively



A. Cerebral Cortex, Hindbrain, Pons, Thalamus
B. Cerebral hemisphere, Mid brain, Pons, Hypothalamus
C. Cerebral hemisphere, Mid brain, Pons, Thalamus
D. None of the above

Ans. (B)

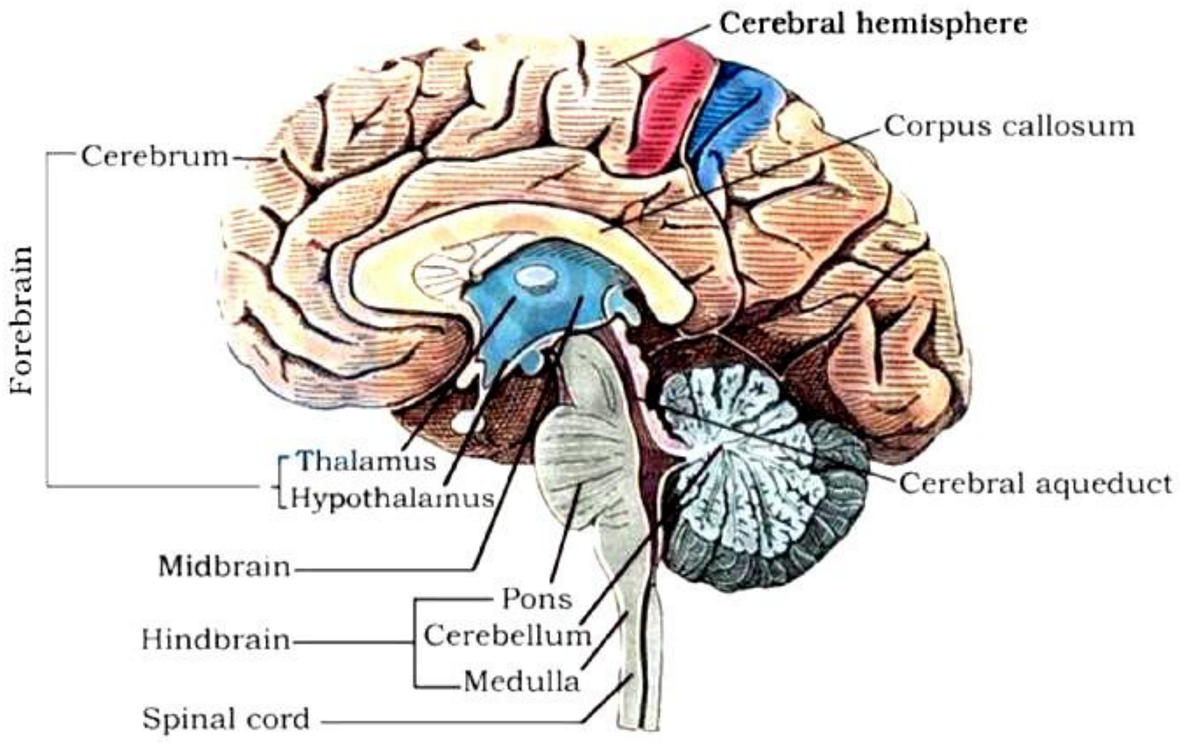
Q4. Which part of the following diagram controls body temperature and urge for eating?



A. A
B. E
C. G
D. C

Ans. (C)

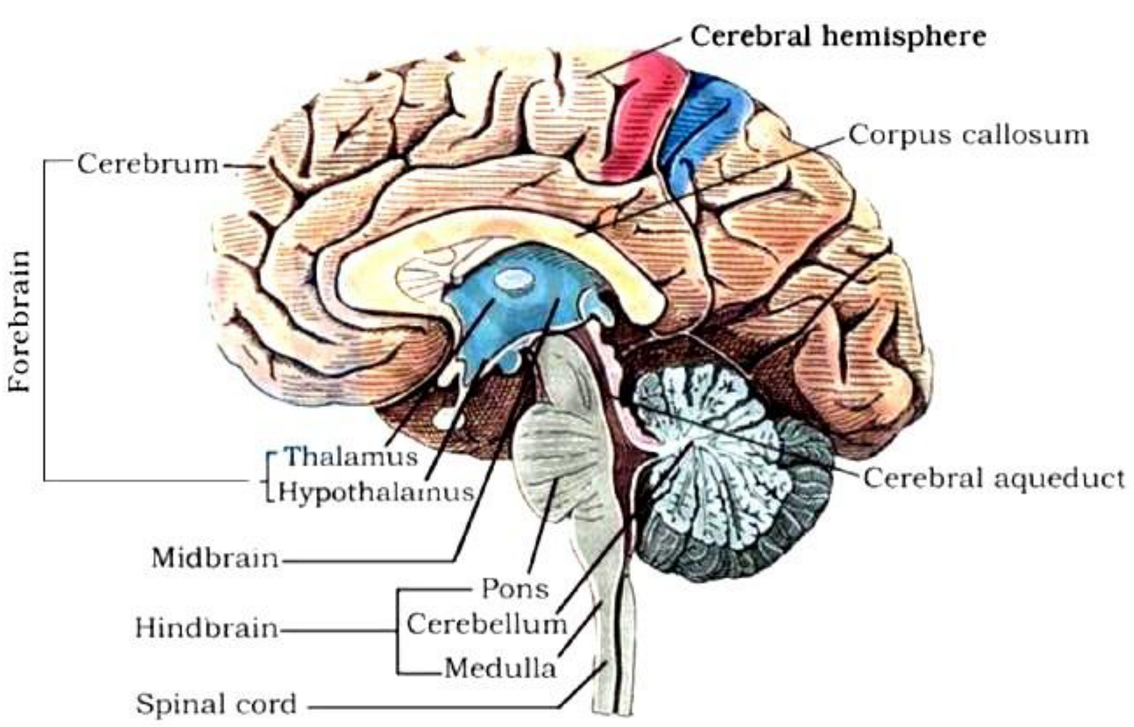
Q5. Read the following statements and choose the part of brain for which it is valid. I. Located between hypothalamus and pons. II. Cerebral aqueduct passes through this.



A. Forebrain
B. Mid brain
C. Hind brain
D. Medulla

Ans. (B)

Q6. From the following figure, select the parts which make up the brain stem.



A. Mid brain, Pons, Medulla
B. Hind brain, Pons, Medulla
C. Cerebellum, Pons, Medulla
D. Hind Brain, Pons, Medulla

Ans. (A)