



Name of the Bundle	Proficient Bundle V1	Subject	Competitive Exams Training (Science)
Topic	Nervous system	Last updated on	17 July 2025

1) The Nervous System consists of _____.

- a) Brain
- b) Spinal Cord
- c) Nerves
- d) All of the above

Ans: d) All of the above

2) Which of the following statements is correct about the Cerebellum?

- a) It regulates the muscular movement for locomotion.
- b) It is a part of the brain.
- c) Both a and b
- d) Neither a nor b

Ans: c) Both a and b

3) Which nerves are attached to the brain and emerge from the skull?

- a) Cranial Nerves
- b) Spinal Nerves
- c) Thoracic Nerves
- d) Sacral Nerves

Ans: a) Cranial Nerves

4) Which of the following systems controls human's every activity?

- a) Nervous System
- b) Exocrine System
- c) Endocrine System
- d) Respiratory System

Ans: a) Nervous System

5) What is the unit of the Nervous system?

- a) Brain
- b) Spinal Cord
- c) Neuron
- d) Nerves

Ans: c) Neuron



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6) A microscopic gap between a pair of adjacent neurons over which nerve impulses pass when going from one neuron to the next is called _____.

- a) Neurotransmitter
- b) Synapse
- c) Axon
- d) None of the above

Ans: b) Synapse

7) In our body, involuntary actions are controlled by:

- a) Medulla in the Hindbrain
- b) Medulla in Forebrain
- c) Medulla in the Spinal Cord
- d) Medulla in Midbrain

Ans: a) Medulla in Hindbrain

8) Those reflex actions that involve the brain are called _____.

- a) Stimulus
- b) Cerebral reflexes
- c) Spinal reflexes
- d) Reflex arc

Ans: b) Cerebral reflexes

9) The pons, cerebellum, and medulla are part of _____ brain.

- a) Forebrain
- b) Midbrain
- c) Hindbrain
- d) Pons

Ans: c) Hindbrain

10) The Spinal Cord originates from which part of the brain?

- a) Cerebellum
- b) Medulla
- c) Pons
- d) Cerebrum

Ans: b) Medulla



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11) Which of the following statements is/are correct?

Statement I: The cerebral hemispheres are connected by a nerve tract known as the corpus callosum.

Statement II: The brain stem consists of the medulla oblongata, pons, and cerebrum.

Select the correct option:

- a) Both Statement I and II are correct
- b) Both Statement I and II are incorrect
- c) Statement I is correct but Statement II is incorrect
- d) Statement I is incorrect but Statement II is correct

Ans: c) Statement I is correct but Statement II is incorrect

12) Match the following.

List I	List II
A. Pons	1. Provides additional space for Neurons, regulates posture and balance
B. Hypothalamus	2. Controls respiration and gastric secretions
C. Medulla	3. Connects different regions of the brain.
D. Cerebellum	4. Neuro secretory cells

Choose the correct answer from the following options:

- a) A-2, B-3, C-1, D-4
- b) A-3, B-4, C-2, D-1
- c) A-1, B-3, C-2, D-4
- d) A-2, B-1, C-3, D-4

Ans: b) A-3, B-4, C-2, D-1



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13) Which part of the brain helps in the regulation and maintenance of muscular activities?

- a) Medulla oblongata
- b) Midbrain
- c) Cerebrum
- d) Cerebellum

Ans: d) Cerebellum

14) How many pairs of spinal nerves are present in the human body?

- a) 27 pairs
- b) 31 pairs
- c) 37 pairs
- d) 47 pairs

Ans: b) 31 pairs

15) How many pairs of Cranial nerves are present in the human body?

- a) 4 pairs
- b) 5 pairs
- c) 12 pairs
- d) 9 pairs

Ans: c) 12 pairs

16) The corpus callosum connects _____.

- a) Two cerebral hemispheres
- b) Diencephalon and midbrain
- c) Pons and medulla
- d) Medulla and spinal cord

Ans: a) Two cerebral hemispheres

17) The human brain mainly depends on which of the following foods?

- a) Only fat
- b) Glucose and amino acids
- c) Fat and proteins
- d) Only glucose

Ans: d) Only glucose



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18) Which of the following is not a function of the sympathetic nervous system?

- a) Slow heartbeat
- b) Accelerate heart rate
- c) Stimulate salivary secretion
- d) Stimulate peristalsis

Ans: b) Accelerate heart rate

19) The minimum distance of distinct vision for a young adult person with no defect in eyes is _____

- a) 20 m
- b) 25 cm
- c) 20 cm
- d) 25 m

Ans: b) 25 cm

20) The spinal cord originates from _____.

- a) cerebrum
- b) medulla
- c) pons
- d) None of the above

Ans: b) medulla

21) Which of the following is the main thinking part of the human brain?

- a) Hind-brain
- b) Cerebrum
- c) Midbrain
- d) medulla

Ans: b) Cerebrum

22) _____ controls involuntary activities like coughing and sneezing.

- a) Medulla
- b) Cerebrum
- c) Pons
- d) Cerebellum

Ans: a) Medulla



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23) Which part of the brain controls the heart?

- a) Spinal Cord
- b) Medulla Oblongata
- c) Neuron
- d) Cerebrum

Ans: b) Medulla Oblongata

24) Which of the following is the main thinking part of the human brain?

- a) Hind-brain
- b) Cerebellum
- c) Midbrain
- d) Fore-brain

Ans: d) Fore-brain

25) Which of the following controls the respiratory movement in human beings?

- a) Pituitary gland
- b) Spinal nerves
- c) Spinal cord
- d) Medulla oblongata

Ans: d) Medulla oblongata

26) The spinal cord originates from which part of the body?

- a) Cerebellum
- b) Cerebrum
- c) Thalamus
- d) Medulla oblongata

Ans: d) Medulla oblongata

27) Which one of the following pairs of brain parts and its function is not correctly matched?

- a) Cerebrum - memory
- b) Cerebellum - the balance of body
- c) Pons - consciousness
- d) Medulla oblongata - controls activities of internal organs

Ans: c) Pons - consciousness



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28) Reflex action is controlled by

- a) Brain
- b) Spinal cord
- c) Autonomic nervous system
- d) Peripheral nervous system

Ans: b) Spinal cord

29) Which one of the following is responsible for controlling the body temperature?

- a) Liver
- b) Lung
- c) Hypothalamus
- d) Spinal cord

Ans: c) Hypothalamus

30) Which of the following is absent in a neuron?

- a) Ribosome
- b) Centrosome
- c) Chromosome
- d) Lysosome

Ans: b) Centrosome

31) Cerebellum is the part of the brain which is responsible for

- a) Conducting reflexes in the body
- b) Maintaining posture and equilibrium
- c) Controlling thinking, memory and reasoning
- d) all of the above

Ans: b) Maintaining posture and equilibrium

32) The brain and spinal cord are the organs of the _____ .

- a) Central Nervous System
- b) Peripheral Nervous System
- c) Autonomic Nervous System
- d) Cerebrospinal Fluid

Ans: a) Central Nervous System



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33) The spinal cord is surrounded by bone, meninges, and _____.

- a) cerebrospinal fluid
- b) white matter
- c) gray matter
- d) water

Ans: a) cerebrospinal fluid

34) One of the three basic parts of a neuron is the _____.

- a) axon
- b) myelin
- c) pons
- d) dura mater

Ans: a) axon

35) The term central nervous system refers to the:

- a) brain, spinal cord, and cranial nerves
- b) brain and cranial nerves
- c) spinal cord and spinal nerves
- d) brain and spinal cord

Ans: d) brain and spinal cord

36) The peripheral nervous system consists of:

- a) spinal nerves only
- b) cranial nerves only
- c) the brain and spinal cord
- d) the spinal and cranial nerves

Ans: d) the spinal and cranial nerves

37) Immediately after an action potential is propagated, which one of the following ions rapidly diffuses out of the cell into the tissue fluid:

- a) sodium
- b) chloride
- c) calcium
- d) potassium

Ans: d) potassium



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38) The midbrain, pons and medulla oblongata are housed in the:

- a) diencephalon
- b) hypothalamus
- c) brain stem
- d) cerebellum

Ans: c) brain stem

39) Control of temperature, endocrine activity, metabolism, and thirst are functions associated with the

- a) medulla oblongata
- b) cerebellum
- c) hypothalamus
- d) thalamus

Ans: c) hypothalamus

40) The vital centers for the control of visceral activities such as heart rate, breathing, blood pressure, swallowing, and vomiting are located in the:

- a) pons
- b) medulla oblongata
- c) cerebrum
- d) hypothalamus

Ans: b) medulla oblongata

41) Loss of muscle coordination results from damage to the:

- a) cerebrum
- b) hypothalamus
- c) cerebellum
- d) thalamus

Ans: a) cerebellum

42) Which nervous system is responsible for preparing the body for "fight-or-flight" response during threatening situations?

- a) sympathetic nervous system
- b) cerebrum
- c) parasympathetic nervous system
- d) None of the above

Ans: a) sympathetic nervous system



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43) The term Autonomic nervous system refers to the:

- a) spinal cord, and cranial nerves
- b) brain and cranial nerves
- c) Parasympathetic nerves and Sympathetic nerves
- d) brain and spinal cord

Ans: c) Parasympathetic nerves and Sympathetic nerves

44) The longest cell in the human body is

- a) Liver cell
- b) Nerve cell
- c) Muscle cell
- d) None of the above

Ans: b) Nerve cell

45) _____ is the largest part of the brain.

- a) Cerebellum
- b) cerebrum
- c) medulla oblongata
- d) Pons

Ans: b) cerebrum

46) White matter consists mainly of _____.

- a) axons
- b) dendrites
- c) cytons
- d) Dendrons

Ans: a) axons

47) The part of the brain concerned with body balance is _____.

- a) cerebrum
- b) cerebellum
- c) medulla oblongata
- d) axons

Ans: b) cerebellum



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48) The number of cranial nerves and spinal nerves in a human being are respectively:

- a) 31, 12 pairs
- b) 32, 21 pairs
- c) 12, 31 pairs
- d) 31, 21 pairs

Ans: c) 12,31 pairs

49) The thin, delicate middle layer of meninges is termed as _____.

- a) Choroid
- b) Dura mater
- c) Arachnoid
- d) Pia mater

Ans: c) Arachnoid

50) State whether which of the following is/are simple reflexes?

- 1) Sneezing
- 2) Contraction of eye pupil
- 3) Lifting up a book
- 4) Sudden application of brakes of the cycle on sighting an obstacle in front

Select the correct option:

- a) 1 only
- b) Both 1 and 2
- c) 3 only
- d) Both 3 and 4

Ans: b) Both 1 and 2



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51) State whether which of the following is/are conditional reflexes?

- 1) Sneezing
- 2) Contraction of eye pupil
- 3) Lifting up a book
- 4) Sudden application of brakes of the cycle on sighting an obstacle in front

Select the correct option:

- a) 1 only
- b) Both 1 and 2
- c) 3 only
- d) Both 3 and 4

Ans: d) Both 3 and 4

52) Reflex actions are under the control of _____.

- a) Medulla Oblongata
- b) Spinal Cord
- c) Brain
- d) Cerebellum

Ans: b) Spinal Cord

53) Match the following:

1. Spinal Cord - a. Reflex action
2. Cerebrum - b. Thinking, Decision making
3. Cerebellum - c. coordinates movement and balance of body
4. Medulla oblongata - d. Controls cardiac centre

Select the correct option:

- a) 1-a,2-b,3-c,4-d
- b) 1-d,2-c,3-b,4-a
- c) 1-a,2-d,3-c,4-b
- d) 1-d,2-a,3-b,4-c

Ans: a) 1-a,2-b,3-c,4-d



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54) What is the function of 'pons' in the brain?

- a) Reflex action
- b) Thinking, Decision Making
- c) controls heartbeat
- d) sleep-wake cycle and breathing

Ans: d) sleep-wake cycle and breathing

55) Which of the following parts of the brain controls speech?

- a) cerebrum
- b) cerebellum
- c) medulla oblongata
- d) axons

Ans: a) cerebrum

56) Which of the following controls bladder pressure?

- a) Kidneys
- b) Heart
- c) Nervous System
- d) Blood Pressure

Ans: c) Nervous System

57) Cranial nerves arising from the brain and spinal nerves arising from the spinal cord together constitute the _____.

- a) Peripheral nervous system
- b) Autonomic nervous system
- c) Central nervous system
- d) Endocrine system

Ans: a) Peripheral nervous system



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58) Which part of the neuron is responsible for acquiring information?

- a) Dendritic tip
- b) Axon
- c) Cell body
- d) Synapse

Ans: a) Dendritic tip

59) Name the virus spread by mosquitoes that causes inflammation in the brain.

- a) Lymphatic filariasis
- b) Japanese encephalitis
- c) Francisella tularensis
- d) Yellow fever virus

Ans: b) Japanese encephalitis

60) Epilepsy is a disorder that affects which of the following parts of the human body.

- a) The skin
- b) The teeth and bones
- c) Brain cells
- d) The muscles

Ans: c) Brain cells

61) Reflex arcs are formed in which part of the nervous system.

- a) Medulla
- b) Fore brain
- c) Spinal cord
- d) Cerebellum

Ans: c) Spinal cord

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