



<b>Name of the Bundle</b>	Proficient Bundle V1	<b>Subject</b>	Competitive Exams Training (Science)
<b>Topic</b>	Nervous system	<b>Last updated on</b>	12 August 2024

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

**Ans: a) Medulla in Hindbrain**

8) Those reflex actions which involve brain are called:

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

**Ans: b) Cerebral reflexes**

9) Pons, cerebellum and medulla are part of \_\_\_\_\_ brain.

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

**Ans: c) Hindbrain**

10) 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 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 that helps in 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) 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) 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**