

Name: _____						
Subject: Biology		Class: 10 th	Time: 80 minutes	Total Marks:	40	
Chapter No.		MJDexpert.com			Obtained marks	

Note: Please attempt any 10 short questions from Question 2. Also, attempt both parts (a and b) of Question 3. Cutting and removal of any content is strictly prohibited.

Objective-Section

Q. 1 Encircle the correct answer. (10x1=10)

- How many types of coordination are there in organisms?
A) 2 B) 3 C) 4 D) 5
- Special organs, tissues, or cells of the body which detect stimuli:
A) Receptors B) Effectors C) Coordinators D) Dendrites
- The nature of Myelin Sheath:
A) Conductor B) Elastic C) Insulator D) Rigid
- Which one controls rage, pain, pleasure, and sorrow?
A) Cerebellum B) Medulla C) Hypothalamus D) Midbrain
- Pairs of Spinal nerves are:
A) 31 B) 12 C) 21 D) 13
- Deficiency of which vitamin causes poor night vision?
A) Vitamin A B) Vitamin B C) Vitamin C D) Vitamin D
- Who described 130 diseases of the eye?
A) Ali bin Sina B) Newton C) Jabir bin Hayyan D) Ali Ibn Isa
- Tympanum (ear drum) is the part of the ear:
A) External Ear B) Middle Ear C) Inner Ear D) None
- The hormone necessary for the ejection of milk from the breast:
A) Thyroxin B) Parathormone C) Oxytocin D) Calcitonin
- Other name of epinephrine is:
A) Parathormone B) Adrenaline C) Thyroxin D) Calcitonin

Subjective-Section

Q.2 Write short answers of any ten of the following questions: (10x2=20)

- Differentiate between Nervous and Chemical Coordination.
- Differentiate between Receptors and Effectors.
- What is salutatory impulse?
- Describe the function of sensory neuron and motor neuron.
- What are olfactory bulbs?
- Explain briefly brain stem.
- What is the spinal cord? Give its length.
- Define Reflex action and Reflex Arc.
- Why do the eyes of dogs and cats shine at night?
- What is meant by the oval window?
- What is the difference between Endocrine and Exocrine glands?
- Write down the causes and symptoms of Paralysis.

Q.No.3 Long Question:

(5+5=10)

- Write a note on the forebrain.
- Write down two disorders of the human eye and their causes and treatment.