

### 3) Match the Pair

3)	Column A	Column B
	i. Pituitary	a. Glucagon
	ii. Parathyroid	b. Parathormone
		c. Corticosteroid
		d. Oxytocin

4) **Name the following**

4) Name Satellites launched by ISRO

5) **Find the odd one out**

5) Genetic material.  
tRNA, mRNA, rRNA, DNA

Q2 **Give scientific reason (Any two)**

(4)

[A]

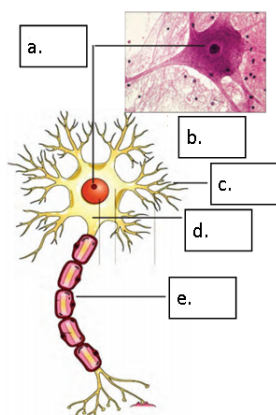
- i) X-ray telescope are not based on earth.
- ii) Plants and animals have different types of tissue.
- iii) An excess of alcohol in the body causes one to lose control over itself.

B) **Answer the following question (Any three)**

(6)

1) **Complete the chart**

1) Label the Diagram  
Nervous tissue



2) **Distinguish Between**

2) Spinal nerves and Cranial nerves

3) **Give examples**

3) Give any 4 example of connective tissue.

4) **Write properties/characteristics/uses/advantage/effects**

4) What are the demerits of refracting telescopes

5) **Write Short Notes**

5) Genetic engineering

3) **Answer the following question (any five)**

i) Complete the paragraph:

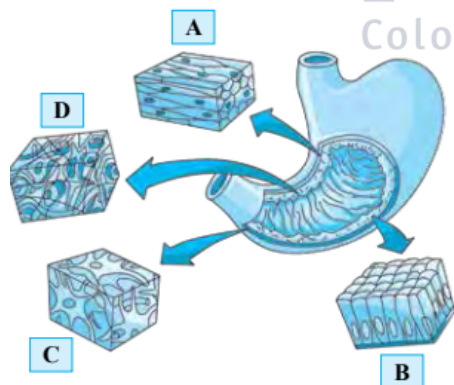
(reflex action, muscle cell, nerve cells, axon, dendrite, synapse)

The milk was on the stove. Rasika was engrossed watching television. She smelled something burning. She ran towards the kitchen. The milk was boiling over. She held the vessel with her bare hands but, screaming, she let it go at once. This activity was controlled by ..... Special ends of ..... in these cells collected the information, from where it was transferred to the cell body and then towards the terminal end of the ..... . The chemicals produced at the terminal end passed through the minute space i.e. .... . In this way, impulse is conducted in the body and the process of ..... was completed by conducting the impulses to .....

ii) **Completed the Table**

	Dominant	Recessive
Colour of flower	.....	.....
Position of flower	.....	.....
Height of plant	.....	.....

iii) Label the diagram. Identify the tissues and describe each one in one sentence.

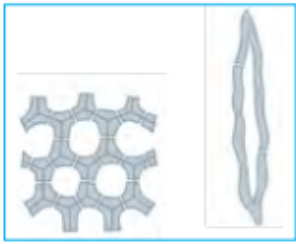


iv) Explain with the help of neat labelled diagram Refracting telescope.

v) Explain the construction and working of Newtonian telescope.

vi) The nervous system consists of a well-organized network of nerves. Discuss

**vii)** Label the diagram and explain it.



**viii)** Write about the symptoms and treatment of Sickle cell anaemia.

**4)** Answer the following question (Any one)

**(5)**

**i)** Explain co-ordination in plants with the help of suitable examples.

**ii)** Label and explain the following figure.



**Prism**  
Colours of your Dreams