

- ૪ નોંધ લખો : (ગમે તે બે) ૧૪
(અ) રૂધિરજૂથ
(બ) આર.ક્યુ. અને બી.એમ.આર
(ક) ડોનનનો સમતુલાવાદ
(ડ) માનવ આંખ.

ENGLISH VERSION

- Instructions :** (1) As per the instruction no. 1 of page no. 1.
(2) Question No. 1 is compulsory.
(3) Draw figure where necessary.
(4) Figures on the **right** indicate **full** marks of the questions.

- 1 Define : 8
(a) Neurotransmitter
(b) Chloride shift
(c) Erythropoiesis.
(d) Medullated nerve fibre.

- 2 Describe : 14
(a) Respiratory pigments.
(b) Physiology of muscle contraction.

OR

- 2 (a) Exchange of gases in lungs.
(b) Hormonal control of excretion.

- 3 Explain : (any two) 14
(a) Structure and function of ear.
(b) Osmoregulation in fresh water animals.
(c) Nerve impulse conduction through synapse.

- 4 Write notes on : (any two) 14
(a) Blood group.
(b) R.Q. and B.M.R.
(c) Donnan's equilibrium.
(d) Human eye.