= Connection of N.s to muscles CNS -PNS Brain + spoinal. in skull & spine) Somatic N. s/arm, leg (SNS) eye, ear, touch) Autonomic N-s nervetibus or axions 1) carry Nurve impulses from sensory receptors of the body inward to ENS neine injulses for the muscles & the excitation of certain - motor fibres activate the striped muscles of the body - tomore While sensory from ANS - motor fibre activate the smooth muscles of & such body organs as stomach cause secretion of salivary glands regulate = chinty & in some special type of much Spound in heart. It is thus -Smooth muscle, glandular & heart muscle Syst.

to human Thee nucledar system a are controlled Musele - which are completely autonomons. 3 defferent types of muscles -1) smooth Me non Straited) in Internal organs - controlled by are - 4 are involuntary. (occasillingly controlled 2. Heart or caroline muscles 4 influenced by A.N.S (Autonomic NS) 3. Skeletal nuscles Anvoluntarymore Voluntary Voluntary The N.S is not only linked to the glandular system of the body between hypothalanus (brain) & pitriolary gland (endocrine gland (ductiers) There are endourine gyetcin endocine glands (ductless glands) 1) pituitory gland (mastergland) 2) thyroid " & Parathyroid. s) pancieas -(4) adrenal " functions; 5) ovaries (in temales & testes (in male) growthet development I bedy & Demotinal behaviour metabolism is rupidentia, 5) negans to Communicate with cach other by intre of electric signals generated by neurolisme-- mitter flowing across synapses & endourine rystem permits communication

following (word) & pilutery by means of chemical substances called hormones secreted by endocrine glands & carried through by the bloodstream to various organs of the body. Communication via the H.S is relatively quick which com. .. via the Endo-L'aine s's relability clow. Pituitary normones - play pole in facilitating learning & memory - & cuis ally implied in the body's susponse to stressful situations. contend upstern powerth comme

exocrine glands -) salinary glands
have duct) 2) sweat "

3) gratric "

4) Lacrimal "