

Q.P. CODE:504-A

DR. NTR UNIVERSITY OF HEALTH SCIENCES:AP:VIJAYAWADA-520 008

M.B.B.S. DEGREE EXAMINATION – AUGUST, 2017

FIRST M.B.B.S. EXAMINATION

PHYSIOLOGY

PAPER-II

Time : 2 ½ Hours

Max. Marks : 50

Note: Answer all questions

Give diagrammatic representation wherever possible

- 1) Define Synapse. Give its types. Define the terms EPSP (Excitatory Postsynaptic Potential) and IPSP (Inhibitory Postsynaptic Potential). How does inhibition is brought about at Synapses? 1+2+2+5=10

- 2) Describe the hormonal, ovarian and uterine changes during menstrual cycle. 2+4+4=10

WRITE SHORT NOTES ON:

5x4=20

- 3) Gigantism and Acromegaly
4) Referred pain
5) Physiology of Olfaction
6) Factors affecting visual acuity
7) Hormones Regulating Calcium Metabolism

WRITE BRIEFLY ON:

5x2=10

- 8) Factors influencing spermatogenesis
9) Mention two features of REM stage
10) Auditory Threshold
11) Clinical significance of Neuromuscular junction
12) Features of hypothyroidism in adult
