

[LB 1012]

OCTOBER 2012

Sub. Code: 1103

M.Sc PHYSIOLOGY DEGREE EXAMINATION
(For candidates admitted from 2008-2009 regulations)
PAPER III – NEUROPHYSIOLOGY, ENDOCRINE AND
REPRODUCTIVE SYSTEM

Q.P. Code : 281103

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :	Pages	Time	Marks
	(Max.)	(Max.)	(Max.)
1. Stages and various theories of sleep. Add a note on various sleep disorders and available investigations for them.	17	40	20
2. Menstrual cycle and various hormones regulating it.	17	40	20
II. Write Notes on :			
1. Analgesic system of brain and spinal cord.	4	10	6
2. Referred pain.	4	10	6
3. Brown-sequard syndrome.	4	10	6
4. Eye movements and their control.	4	10	6
5. Taste pathway.	4	10	6
6. Regulation of Na ion in the ECF.	4	10	6
7. Stress response of sympathetic nervous system.	4	10	6
8. Molecular mechanism of action of hormones.	4	10	6
9. Temporary and permanent methods of contraception in both male and female.	4	10	6
10. Lactation.	4	10	6
