

Q.P.CODE:144-NR*Dr. NTR University of Health Sciences::Vijayawada-520 008***M.D. DEGREE EXAMINATION – APRIL, 2018****PSYCHIATRY**

Paper-I : Neuro sciences and behavioral sciences as
applied to psychiatry.

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Describe the Wisconsin's card sorting test and its administration and interpretation of responses.
- 2) Discuss the important contributions of Carl Jung to the understanding of personality.
- 3) Describe the Chi-Square test and its uses
- 4) Describe the 'cultural formulation' and its uses in psychiatry
- 5) Describe the Cognitive theory of Depression and how it is applied in the treatment of Depression.
- 6) Describe 'Mindfulness based therapy' and its uses
- 7) Describe the administration and interpretation of the Rorschach inkblot test
- 8) Discuss the Genome wide association studies in Psychiatry and their results
- 9) Define attitude. Describe the means of changing attitudes
- 10) Describe the synthesis, transmission and degradation of Dopamine in the Central Nervous system. Delineate the Dopaminergic pathways in the CNS with the aid of diagrams
