

QP Code: 211376

Reg. No.....

Second Year MPT Degree Supplementary Examinations

March (July) 2020

Paper I – Applied Basic Sciences

(2016 Scheme)

(Common for all Specialties)

Time: 3 hrs

Max. Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*

Essays

(2x20=40)

1. Ergonomic guidelines required for planning a work station for computer professionals
2. Biomechanical analysis of posture

Short Notes

(10x6=60)

3. Review of literature
4. Biomechanics of normal respiratory movement.
5. Testing of hypothesis.
6. Factors involved in balance.
7. Nutrition and performance
8. Special aids in sports performance.
9. Hemodynamic response to maximal exercise
10. Type I & II error.
11. Arches of foot
12. Plyometrics
