

MP Medical Science University, Jabalpur
Paper Code : 17BP0000101721

B.P.Th. 1st Year Main Examination April – 2018
HUMAN PHYSIOLOGY

Time : 3 Hours Maximum Marks : 100

Note :

- (a) All questions are compulsory to answer.
- (b) Draw diagrams wherever necessary.
- (c) Answer of question and sub question must be written strictly according to the serial order of question paper.

Q. No. 1 Very short answer the question (50–60 words) $2 \times 10 = 20$

- a. Define active transport. Give examples of Active Transport.
- b. Functions of blood.
- c. Enumerate blood clotting factors.
- d. Myopia & Hypermetropia.
- e. Write Enzymes present in Pancreatic juice.
- f. Define EDEMA.
- g. Define Apnoea and Hypoxia.
- h. Oxygen debt.
- i. Surfactant.
- j. Define Contraception. Give examples.

Q. No. 2 Short Answer the question (250–300 words) $10 \times 5 = 50$

- a. Micturition
- b. Coronary Circulation
- c. Define Blood Pressure. Explain Short term regulation of blood pressure.
- d. Corticospinal Tract
- e. Vestibular Apparatus

Q. No. 3 Essay type question – Any Two (450–500 words) $15 \times 2 = 30$

- a. Explain mechanism of Smooth Muscle Contraction.
- b. Describe impulse transmission at Neuromuscular Junction. Add a note on Myasthenia Gravis.
- c. Chemical Control of Respiration.