

**Maunya Pradesh Medical Science University, Jabalpur**  
**BHMS First Year (Main & Supplementary) Examination Oct-2023**  
**Subject- PHYSIOLOGY**

**Paper -II**

**Paper Code – 23AH0000101382**

*Time: 3Hours*

*Maximum Marks: 100*

**Instructions:**

- 1) All questions are compulsory.
- 2) Draw diagrams wherever necessary.
- 3) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be value.
- 4) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.

**Q.1 Very short answer question (Any Ten) (Maximum 30-50 words)  $10 \times 2 = 20$**

$10 \times 2 = 20$

- ~~a. Babinski Sign.~~
- ~~b. Neuron.~~
- ~~c. Basal Metabolic Rate (BMR).~~
- ~~d. Ovulation.~~ ✓
- ~~e. Presbyopia.~~
- ~~f. Scurvy.~~
- ~~g. Oxytocin.~~
- ~~h. Neuroglia.~~
- ~~i. Balance Diet.~~
- ~~j. Cerebro-Spinal Fluid (CSF).~~
- ~~k. Pancreatic Juice.~~ ✓
- ~~l. Placenta.~~

**Q.2 Short Answer question (Any Ten) (Maximum 150-200 words)  $10 \times 5 = 50$**

- ~~a. Enzyme.~~
- ~~b. Physiology of Pain.~~
- ~~c. Functions of Saliva.~~
- ~~d. Auditory Pathway.~~
- ~~e. Functions of Hypothalamus.~~
- ~~f. Cushing's syndrome.~~
- ~~g. Spermatogenesis.~~
- ~~h. Classification of Carbohydrate.~~
- ~~i. Vitamin A.~~
- ~~j. Synapse.~~
- ~~k. Growth Hormone.~~

**Q.3 Essay type question (Any Three) (Maximum 250-300 words)  $3 \times 10 = 30$**

$3 \times 10 = 30$

- ~~a. Describe composition, functions & Regulation of Secretion of Bile Juice.~~
- ~~b. Which Hormones is responsible for regulation of blood sugar level?~~
- ~~c. What is Tract? Describe How Fine Touch Sensation is carried to Brain.~~
- ~~d. Describe in detail about Menstrual Cycle?~~