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FNDFNC 156

**Credit Based II Semester B.Sc. (FND) Degree
Examination, September 2022
(2018 – 19 and Earlier Batches)
HUMAN PHYSIOLOGY – II**

Time : 3 Hours

Max. Marks : 80

PART – A

I. Answer **any ten** questions :

(10×2=20)

- 1) a) IUCD.
- b) Myasthenia gravis.
- c) Astigmatism.
- d) Osteoporosis.
- e) Menarche.
- f) Vasa recta.
- g) Uremia.
- h) Hypogonadism.
- i) Reflex arc.
- j) Parkinson's disease.
- k) Local hormones.
- l) Cystourethrogram.

PART – B

II. Answer the following questions :

(4×15=60)

- 2) a) Name the hormones of adrenal cortex. **3**
- b) List the functions of oxytocin. **5**
- c) Enumerate the functions and action of insulin. **7**

OR

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- 3) a) Write a note on Addison's disease. **4**
b) List out the functions of parathyroid gland. **4**
c) Explain the regulation of blood glucose level. **7**

- 4) a) Classify nerve fibres. **3**
b) Write a note on the types of sleep. **5**
c) Explain the refractive errors of eye. Add a note on their corrections. **7**

OR

- 5) a) List the functions of cerebrum. **4**
b) Write a note on neuromuscular junction. **4**
c) Explain the mechanism of hearing. **7**

- 6) a) Write a note on nephron. **3**
b) List the types of diuretics. **5**
c) Describe GFR. Add a note on the determinants of GFR. **7**

OR

- 7) a) Write a note on abnormal constituents in urine. **4**
b) Write a note on renal function tests. **4**
c) Describe micturition. **7**

- 8) a) Write a short note on spermatogenesis. **3**
b) Write a note on pregnancy tests. **5**
c) Explain the menstrual cycle. **7**

OR

- 9) a) List the factors controlling lactation. **4**
b) Write a note on graffian follicle. **4**
c) Explain the physiological changes during pregnancy. **7**
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