



**3** Describe the functions of hypothalamus. **10**

**OR**

**3** Describe the functions of basal ganglia and its applied Physiology. **10**

**4** Write short notes on : (any **three**) **15**

- (1) Hormonal control of spermatogenesis
  - (2) Functions of placenta
  - (3) Errors of refraction
  - (4) Accommodation reflex.
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