

# SELF ASSESSMENT TEST

## (Chapter 9 : Control and coordination)

Time : 1 Hour]

[Marks : 20

### Notes :

1. All questions are compulsory.
2. Figures to the right indicate full marks.

### SECTION – A

#### Q. 1. Multiple Choice Questions (MCQ) :

(1 mark each)

- (i) If parathyroid gland of man are removed, the specific result will be ..... .
- (a) onset of aging (b) disturbance of  $Ca^{++}$   
(c) onset of myxoedema (d) elevation of blood pressure [1]
- (ii) Maxillary nerve is a branch of ..... nerve.  
(a) oculomotor (b) trochlear (c) trigeminal (d) facial [1]
- (iii) ..... is in direct contact of brain in humans.  
(a) Cranium (b) Dura mater (c) Arachnoid (d) Pia mater [1]
- (iv) The neuro transmitter is removed by an enzyme called ..... .  
(a) noradrenaline (b) acetylcholine  
(c) hyaluronidase (d) cholinesterase [1]

#### Q. 2. Very Short Answer Questions (VSA) :

(1 mark each)

- (i) What is the importance of Corpora quadrigemina? [1]
- (ii) Give symptoms of the disease caused by hyposecretion of ADH. [1]

### SECTION – B

#### Q. 3. Short Answer Questions (SA - I) :

(2 marks each)

- (i) Write the names of hormones and the glands secreting them for the regulation of following functions :
- (a) Growth of thyroid and secretion of thyroxine.  
(b) Controls calcium level in the blood. [2]
- (ii) Give functions of pons. [2]

### SECTION – C

#### Q. 4. Short Answer Questions (SA - II) :

(3 marks each)

- (i) Classify the following to form Column B as per the category given in Column A :

[Brain structures: Olfactory lobes, Pons Varolii, Corpus Callosum, Vermis, Superior Colliculi, Iter]

Column 'A'	Column 'B'	[3]
(1) Forebrain		
(2) Midbrain		
(3) Hindbrain		

(ii) Distinguish between: Adenohypophysis and neurohypophysis.

[3]

**SECTION – D**

**Q. 5. Long Answer Questions (LA) :**

*(4 marks)*

Explain the structure of cerebrum.

[4]

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