



Std. - XII

Preliminary - I

Time - 2 hrs

Sub- Biology-II

Max Marks - 40

- Note :-**
- All questions are compulsory
  - Give balanced equation & Draw neat and labelled diagram whenever necessary.

**Q.1. Select and write the most appropriate answer from given alternatives in each subquestion.**

8

- Which of the following diseases are communicable.
  - Deficiency diseases
  - Allergies
  - Degenerative diseases
  - infectious diseases
- AIDS virus has
  - double standered DNA
  - single standered DNA
  - double standered RNA
  - single stranded RNA
- The technique of cheacking the fluid around the foetus to detect the disorder is-
  - Laproscopy
  - Endoscopy
  - Amniocentesis
  - Foetal endoscopy.
- Abnormal heart sound murmur indicates defective-
  - S.A.node
  - Heart valve
  - A.V.node
  - All of these
- \_\_\_\_\_ ml of blood passes through kidney perminitite
  - 1200 ml
  - 1600 ml
  - 1800 ml
  - 800 ml
- Number of spinal nerves in man \_\_\_\_\_
  - 10 pairs
  - 12 pairs
  - 31 pairs
  - 13 pairs
- \_\_\_\_\_ is called morphogenic hormone.
  - STH
  - GTH
  - ACTH
  - MCS
- Vas deference starts from \_\_\_\_\_
  - Testis
  - Corput epididymis
  - Corpus epididymis
  - Cauela epididymis

**Q.2 A) Write short note on population explosion.**

2

**OR**

**A) What are congenital diseases ? Explain.**

2

**B) Distinguish between carcinoma and sarcoma.**

2

**OR**

**B) Sketch aad lable excretory system of man.**

2

**C) What is Gyll's disease? Explain synitoms.**

2

- D) Enlist the names of III, IV, V, VI cranial nerves. 2
- Q.3 A) Sketch and label T.S. of testis. 2
- B) Describe the role of Graneloagte and agramdocyte. 2
- OR**
- B) What is blod pressur? Explain. 2
- C) Describe role of skin in excretion. 2
- D) Write a short note on mode of transmission of diseases. 2
- OR**
- D) Write a short note an common problems of aldolescence. 2
- Q.4 **Attempt. (any 2) of following.** 8
- A) What is reflex action? Describe the component of reflex action?
- B) Distinguish between sympathetic and parasympathetic nervous system.
- C) Sketch label and describe L.S. of kidney.
- Q.5 Sketch label and describe male reproductive system of man. 8
- OR**
- A) Sketch label and describe internal structure of Human heart. 4
- B) Distinguish between artery and vein. 4

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