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HSEIRKO - 1

81020-

ZOOLOG

(Biology)

Time : 1½ Hours + 15 Minutes extra to read the question paper]

[Maximum Marks: 100]

(Long Answer Type Questions)

1. Explain the terms
(i) Sickle cell anaemia
(ii) Alkaptonuria.

Or

Explain in brief modern synthetic theory of evolution.

2. Define Spermatogenesis. With the help of graphic sketch explain the processes involved in spermatogenesis.

Or

What do you mean by 'Contraception'? Write down the preventive measures for sexually transmitted diseases.

(Short Answer Type Questions)

3. Write down the symptoms of Malaria.
4. What do you mean by Vaccine Production and its uses?
5. Write a short note on assisted reproductive technologies.
6. Write down how inheritance of hemophilia takes place in man.

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Turn

(Very Short Answer Type Questions)

- Write a note on silkworm as an insect for human welfare. 2
- What is Human Insulin ? Write down its uses. 2
- What do you mean by Parturition ? 2
- What is Hemophilia ? Why is it called Bleeder's disease ? 2

(Objective Type Questions/M.C.Q.)

Do as directed

- (i) was the link between man and other primates. (Fill up) 1
- (ii) Dealcoholism is the process of overcoming drinking,
(Whether True/False) 1
- (iii) Expand the term LSD. 1
- (iv) Treponema pallidum is a :
(a) Bacterial agent
(b) Viral agent
(c) Protozoal agent
(d) Fungal agent
(Choose the correct one) 1
- (v) Expand the term PKU. 1