d No. of Questions: 11]

[Total No. of Printed Pages: 3

IRKN16 .022-Y OOLOGY iology)

e : 2 ½ Hours]

[Maximum Marks: 35

(Long Answer Type Questions)

5 each

Explain the structure of 'Human Male Reproductive System'. Illustrate your answer with a neat and labelled diagram.

Or

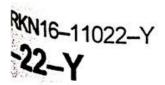
Define Fertilization. Briefly enlist the events that take place during Fertilization.

Name the Chromosomal disorders in humans. Explain any two of them in detail.

Or

Define Hardy Weinberg's principle. What is its significance? Add a note on adaptive radiation.

Turn Over



	3 each
. =	What is the (Short Answer Type Questions)
	What is "Placenta". Write down its main functions.
	Write a short note on "Ramapithecus".
	Write down the causes of "Filariasis".
	What is Cloning? What is its significance?
	(Very Short Answer Type Questions) 2 €
	Write two major functions of Testes and Ovary.
	Give points of difference between Satellite DNA and Repetitive
	DNA.
	Define Immunity. Name its types.
).	What do you mean by "Microbial cloning"?
	(MCQ/Objective Type Questions)
	(i) Expand the terms ZIFT and GIFT.
	(ii) Down's syndrome is of chromosome. (Fill up)
	(iii) Fins and Flippers are homologous organs. (True/False)
	(iv) Name the protozoan which causes "Nosema" disease in
	honeybees.

(v)	Which of the following is not a lymphoid tissue?

(a) Spleen

(b) Appendix

(c) Tonsils

(d) Thymus

(Choose the correct one)