	contains 2 printed pages]	TI D. HAY
SI .NO 0)		Your Roll No.:
Unique Paper Code		
Name of the Course		2.1
Name of the Donor	Zoology (DSE Course)	
Name of the Paper	: Reproductive Biology	
Semester Time: 3 Hours	: V	Mariana Marka 75
	didatas	Maximum Marks : 75
Instructions for can		on receipt of this question paper.
(b) Attempt any FIV		on receipt of this question paper.
(c) Question No. 1 is		
	where ever necessary.	
(d) Diaw diagrams w	vilete ever necessary.	
1 A Differentiate be	etween the following pairs of	of terms 8
	eum and corpus albicans	on terms 8
	d secondary infertility	
	factors and luteotrophic fact	tore
(d) Uterus of ra		.015
(d) Otorus or ra	and manner	
B. Define the follo	wing terms	5
(a) Net fertility		2 A series and the annihilation may be the front of the Wall
(b) Endometros		
(c) Menarche	113	
(d) Spermiation		
(e) Hysterecton		
(c) Hysterecton	ny	
C. Fill in the blank	cs:	5
		nse to trophoblast invasion is known as
(4)		
(b)	secrete	ed by placenta binds to LH receptors and
prevents lut		
A CONTRACTOR OF THE PROPERTY O		major estrogen secreted during pregnancy
		es not implant but remains in a state of suspended
	s termed as	
		or molecule for the synthesis of steroid
hormones		
		The same of the sa
D. Name the source	ce of the following hormone	es 4
(a) hCG		
(b) PRL		
(c) Oxytocin		
(d) FSH		
E. Expand the follo	owing terms	5
(a) AIH		

12.12.18 (M)

(b) ABP (c) PID (d) STD (e) PGD	
2. (a) What are the essential features of an ideal contraceptive?(b) Discuss the mode of action of hormonal contraceptives. Also add a note on the advantages of hormonal contraception.	3 antages
3. (a) Discuss the primary causes of infertility in females.(b). Discuss any three ART techniques that help infertile couples.	6
4. (a) Discuss the role of feto-placental unit in gestation.(b) Discuss the functions of the cellular components of the human testis.	9 3
5. (a) Discuss the hormonal regulation of spermatogenesis in males.(b) Differentiate between the mechanism of action between steroid and protein receptor	3 r. 9
6. (a) Discuss the biosynthesis of estrogen.(b) Describe the mechanisms involved in prevention of polyspermy.	7 5
7. Write short notes on any three of the following: (a) MER (b) Acrosome formation (c) Fergusson's reflex (d) Epididymal maturation of spermatozoa	3x4=12
(e) Diapause	