

M.Sc Semester-2 Examination

408

CE & ART

Time : 2-30 Hours]

April-2024

[Max. Marks : 70

Q.1A	Explain: Principle & Method for MACS	7
Q.1B	Write a note on grading of Oocyte	7
	OR	
Q.1A	Write a note on- Oocyte evaluation for ICSI	7
Q.1B	Explain: Microfluidics with appropriate diagram.	7
Q.2 A	Write a detailed note on Assisted Hatching.	7
Q.2 B	What is embryo biopsy explain any one biopsy method.	7
	OR	
Q.2 A	Explain: IVM	7
Q.2 B	Write note on technical aspects of ICSI	7
Q.3 A	Write a note on Day 5 Embryo Grading system with figure.	7
Q.3 B	Write a note on embryoscope.	7
	OR	
Q.3 A	Explain: embryo transfer technique.	7
Q.3 B	Note on Human Embryo metabolism & in-vitro culture system.	7
Q.4 A	Write a note on Oocyte donation.	7
Q.4 B	Explain uterus transplantation	7
	OR	
Q.4 A	Explain: embryo donation	7
Q.4 B	Note on surrogacy	7
Q.5	Answer the Following Short Questions (Any 7)	14
1	Write full form of :PICS and MACS	
2	Short note on Assisted hatching.	
3	What is IMSI?	
4	Name the media used for biopsy.	
5	What are the stages of embryo from day 0 to day 5?	
6	Write down the content of single step culture media	
7	Write down common specifications PICS procedure.	
8	what is third party reproduction?	
9	What is OPU?	
10	What are the Indication for IVM?	

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