

M.Sc Sem-3 Examination

501

CE & ART

Time : 2-30 Hours]

November-2024

[Max. Marks : 70

Q.1A	Give a brief note on how to choose the correct statistical test with proper example.	7
Q.1B	Explain in detail about the criteria to identify a Research problem? Explain it by giving proper examples.	7
	OR	
Q.1A	Explain different types of Research. Give examples of each one.	7
Q.1B	What are the key elements of research design? Explain it in detail.	7
Q.2 A	Give explanation on key points to design a research study: "Does the timing of IUI post sperm preparation significantly affect the success rate of pregnancy?"	7
Q.2 B	What are the parametric and non-parametric tests? Give the name of each test and when to use which test.	7
	OR	
Q.2 A	What are the key points to consider in selecting research question?	7
Q.2 B	What is correlation analysis and linear regression analysis? Identify key differences between them and mention when to use which analysis?	7
Q.3 A	Explain the Role of Counseling in Infertility	7
Q.3 B	Write down the process for recruiting of an oocyte donor and sperm donor.	7
	or	
Q.3 A	Mention the type of counseling & Explain them in detail.	7
Q.3 B	What are the Major goals & Objectives of Infertility Counseling?	7
Q.4 A	Write a note on the role of an embryologist in Counseling.	7
Q.4 B	What are the special consideration during third Party Reproduction	7
	OR	
Q.4 A	How to counsel a patient with azoospermia for further treatment options?	7
Q.4 B	Write a note on typical issues concerning counseling in infertility clinics.	7
Q.5	Answer the Following Short Questions (Any 7)	14
1	What is research methodology?	
2	What is the carrier screening program?	
3	Define ANOVA test.	
4	What do you mean by ethical permission in research and why it is important to conduct research?	
5	What is Sample design in research design?	
6	What are qualitative data? Explain with example.	
7	What is the role of a counsellor?	
8	Write down the factors generating stress in infertility	
9	What is Infertility Counseling?	
10	How to get median of a data?	
11	Write special consideration during Oocyte Donation.	
12	List down Objectives of infertility counseling in case of primary infertility.	