

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	Reproductive System
Course number	MDCN3414
Faculty	
Department	
Course type	Major Needs
Course level	3
Credit hours (theoretical)	4
Credit hours (practical)	1
Course Prerequisites	

#### Course Objectives

1 - Describe the gross morphology of different organs forming the Reproductive System
2 - Discuss the vasculature, lymphatic drainage and innervation of different parts of the Reproductive System
3 - Understand various functions of the Reproductive System
4 - Discuss the microorganisms that infect the Reproductive System
5 - describe the pharmacology of various drugs acting on the Reproductive System
6 - Understand the bases of the inherited diseases

#### Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> <li>* The student will understand the anatomical components of the reproductive system</li> <li>* The student will have good knowledge about the common diseases affecting the reproductive system</li> <li>* The student will know the common microorganisms infecting the reproductive system</li> <li>* The student will understand the pharmacology and know how to treat diseases and infections of the reproductive system</li> </ul>
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## Course Contents

- 1 - Introductory lecture discussing Pelvic walls, perineum, and pelvic diaphragm. (Anatomy)
- 2 - Anatomical components of male reproductive system. (Anatomy)
- 3 - Developmental Anatomy "Embryology" of the reproductive system. (Anatomy)
- 4 - Anatomical components of the female internal reproductive system. (Anatomy)
- 5 - Anatomical components of the female external reproductive system. (Anatomy)
- 6 - Hormonal regulation of sex determination. (Physiology)
- 7 - Male reproductive physiology. (Physiology)
- 8 - Histology of the male and female reproductive system. (Anatomy)
- 9 - Androgens and their antagonists. (Pharmacology)
- 10 - Female reproductive physiology-I. (Physiology)
- 11 - Female reproductive physiology-II. (Physiology)
- 12 - Erection. (Physiology)
- 13 - Disease of the penis, scrotum and testis. (Pathology)
- 14 - Diseases of the prostate. (Pathology)
- 15 - Physiology of pregnancy. (Physiology)
- 16 - Female sex steroids and contraceptives agents. (Pharmacology)
- 17 - Diseases of the cervix. (Pathology)
- 18 - Disease of the vulva and vagina. (Pathology)
- 19 - Gonorrhoea. (Microbiology)
- 20 - Trichomoniasis & Ectoparasites. (Microbiology)
- 21 - Infections by Chlamydia, Gardnerella, and Ureaplasma. (Microbiology)
- 22 - Parturition and lactation. (Physiology)
- 23 - Disease of the uterus. (Pathology)
- 24 - Diseases of the ovaries and fallopian tubes. (Pathology)
- 25 - Syphilis. (Microbiology)
- 26 - Inherited diseases. (Biochemistry)
- 27 - HIV and AIDS. (Microbiology)
- 28 - Herpes, Cytomegalo Virus, Human Papilloma Virus and Moluscum contagiosum. (Microbiology)
- 29 - Candidiasis. (Microbiology)
- 30 - Infections of urinary and reproductive system. (Public Health)
- 31 - Community awareness (Public Health)

## Teaching and Learning Methods

- 1 - Theoretical interactive lectures
- 2 - Encourage Group discussions
- 3 - Audiovisual aids

## Teaching and Learning Methods for the Disabled Students

- 1 - Lectures
- 2 - Revision and Discussion sections
- 3 - Help each student according to his needs and his condition

## Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
paper 1 exam	60	40
paper 2 exam	60	40
practical exam	45	20

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## Books and References

Course note	Lippincott's Illustrated Reviews: Pharmacology, latest edition
	Basic Pathology. By Kumar, Cotran and Robbins, latest edition
	Medical Microbiology. An Introduction to Infectious Diseases. By Sherries, latest edition.
Essential books	Principles of Human Anatomy. By G.J. Tortora, latest edition
Recommended books	Textbook of Medical Physiology. By Guyton and Hall, latest edition