



All India Institute of Medical Sciences, Kalyani
Fourth Professional MBBS Examination, January 2024

Time: 3 Hrs.

OBSTETRICS AND GYNAECOLOGY

Marks: 100

(Paper-II)

INSTRUCTIONS:

- Answer all questions.
- Illustrate your answers with well labelled diagram wherever necessary.
- Answer each section in a separate answer book.

SECTION – A (50 MARKS)

1. A 60 year old P₃L₃ presented with abnormal blood stained discharge per vaginum for the past 4months. On examination she is cachectic. On per speculum examination, a 3*2cm friable mass is seen on the anterior lip of cervix which bleeds on touch. Enlist the differential diagnosis of this case. Discuss the clinical approach for this case. Write the necessary investigations and principles of treatment of this case. **(1+4+2+3=10)**

Short Notes

(8×5=40)

2. Medical management of fibroids
3. Assessment of ovulation
4. Discuss the recommendation for HPV vaccine
5. Precocious puberty
6. Emergency contraception
7. Describe the causes of uterovaginal prolapse
8. Hormone replacement therapy
9. Represent diagrammatically Anatomy of female external genitalia.

SECTION - B (50 MARKS)

1. An 18 year old unmarried girl with BMI 30 kg/m² presents with excessive hair growth on the face. She also suffers from prolonged infrequent menstrual cycles. (2+3+1+1+3=10)
- a. What are the other clinical features of this condition?
 - b. How will you work up this patient?
 - c. What are the Rotterdam criteria?
 - d. What is the probable diagnosis?
 - e. What are the management options?

Short Notes

(8X5=40)

2. Management of bacterial vaginosis.
 3. Define "menopause" and briefly describe the common symptoms and health considerations associated with this stage in a woman's life.
 4. Define "pelvic inflammatory disease (PID)" and explain its common causative agents, clinical presentation, and potential complications.
 5. Explain the term "polycystic ovary syndrome (PCOS)" and outline its diagnostic criteria, clinical manifestations, and management options.
 6. Discuss the significance of "Pap smear" in cervical cancer screening, including recommended screening intervals and follow-up for abnormal results.
 7. Describe the common etiologies and clinical features of abnormal uterine bleeding in reproductive-age women.
 8. What is "endometrial hyperplasia," and how does it relate to endometrial cancer risk? Describe its types and management options.
 9. Clinical features and management of Imperforate hymen.
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