EXAM PROGRAM

FOR THE DISCIPLINE "OBSTETRICS AND GYNECOLOGY"

COURSE 6 (INTERNATURE)

GENERAL MEDICINE

2024-2025 academic year

**The purpose of the program** is to assess the complex of knowledge, skills and abilities acquired by a 1st (6th) year student in the process of studying the discipline.

The exam is comprehensive and consists of 2 stages.

**Stage 1 –** comprehensive testing. Its purpose is to check the level of theoretical training of students, mastery of skills, readiness for professional activity, and the degree of development of professional thinking.

**Stage 2** – assessment of practical skills using the mini-clinical exam method with a patient. Its purpose is to demonstrate practical and communication skills in accordance with the qualification requirements of the specialty.

Stage 1

**Matrix of examination test tasks for the discipline**

"OBSTETRICS AND GYNECOLOGY"

**for 6th year interns "General Medicine" for the 2024-25 academic year**

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Topic Title | Number of tests | |
| 1 | **Obstetrics. Outpatient and polyclinic service. Antenatal care.** | For understanding | For use |
| 1 | Organization of obstetric and gynecological services in the Republic of Kazakhstan. | 1 | 2 |
| 2 | Clinical anatomy of female genital organs. Physiology of the fetus. | 2 | 2 |
| 3 | Physiological changes in a woman's body during pregnancy. Examination of a pregnant woman. | 1 | 2 |
| 4 | Antenatal protection of the fetus. |  | 2 |
| 5 | Management of physiological pregnancy. | 1 | 2 |
| 6 | Vomiting during pregnancy. |  | 3 |
| 7 | Pregnancy-induced edema and proteinuria without hypertension |  | 2 |
| 8 | Arterial hypertension in pregnant women. | 1 | 3 |
| 9 | Bleeding in the first half of pregnancy |  | 3 |
| 10 | Bleeding in the second half of pregnancy | 1 | 3 |
| 11 | Urinary tract infections during pregnancy. |  | 3 |
| 12 | Anemia in pregnancy. |  | 2 |
| **Obstetrics. Physiology of childbirth and the postpartum period.** | |  |  |
| 1 | Childbirth. Causes of childbirth. Periods of childbirth. Concept of the "Safe Motherhood" program. | 1 | 2 |
| 2 | Management of the first stage of labor. Pain relief during labor. |  | 2 |
| 3 | Management of the second stage of labor. Initial examination of the newborn. | 1 | 2 |
| 4 | Third stage of labor. Diagnostic criteria. Active management of the afterbirth period. Early postpartum period. Management tactics. | 1 | 2 |
| 5 | Normal postpartum period. | 1 | 2 |
| 6 | Breastfeeding. Breastfeeding counseling | 1 | 3 |
| 7 | Physiology of the neonatal period. Care for a healthy newborn |  | 2 |
| 8 | Family planning. Modern methods of contraception. Postpartum contraception. | 1 | 3 |
| **Gynecology** | |  |  |
|  | The female reproductive system. | 2 | 2 |
|  | Methods of examination of gynecological patients. | 1 | 3 |
|  | Inflammatory diseases of female genital organs | 1 | 3 |
|  | Abnormal uterine bleeding. |  | 2 |
|  | Amenorrhea. | 1 | 2 |
|  | Uterine fibroids. |  | 2 |
|  | Genital endometriosis. | 1 | 2 |
|  | "Acute abdomen" in gynecology. |  | 2 |
|  | Neuroendocrine syndromes in gynecology. | 1 | 2 |
|  | Infertile marriage. Assisted reproductive technologies |  | 3 |
|  | Total | **20** | **70** |

**Stage 2**

**Score-rating assessment of professional skills of interns - therapists at the mini-clinical exam**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Professional**  **skills** | **2 points** | **4 points** | **6 points** | **8 points** | **10 points​** |
| **1. Collection of anamnesis** | collected chaotically with details of ­facts that are irrelevant for diagnostics | collected unsystematically with significant omissions | collected with the recording of facts that do not provide an idea of the essence of the disease and the sequence of development of symptoms | collected systematically, but without sufficient clarification of the nature of the main symptoms and possible causes of their occurrence | collected systematically, the anamnesis fully reflects the dynamics of the disease development |
| **2. Physical**  **examination** | does not have manual skills | carried out chaotically, with omissions, without effect | not carried out fully enough with technical errors | carried out systematically, but with minor technical inaccuracies | carried out systematically, technically correctly and effectively |
| **3. Preliminary**  **diagnosis** | delivered  wrong | only the disease class is indicated | the leading syndrome has been identified, but there is no diagnostic conclusion | installed correctly, without justification | installed correctly, justification given |
| **4. Purpose of the plan**  **examinations** | contraindicated studies were prescribed | inadequate | not entirely adequate | adequate, but with minor omissions | complete and adequate |
| **5. Interpretation of examination results** | incorrect assessment leading to contraindicated actions | in many ways it is incorrect | partially correct with significant omissions | correct with minor inaccuracies | complete and correct |
| 1. **Differential -**   **diagnosis** | inadequate | chaotic | incomplete | conducted reasonably, but not with all similar diseases | full |
| **Professional**  **skills** | **2 points** | **4 points** | **6 points** | **8 points** | **10 points​** |
| **7. Final diagnosis and its rationale** | lack of clinical thinking | the diagnosis is based on a confused and unconvincing explanation | the diagnosis is not sufficiently substantiated, complications and concomitant diseases are not recognized | the diagnosis of the underlying disease is complete, but concomitant diseases are not indicated | exhaustively complete, substantiated |
| **8. Choice of treatment** | contraindicated drugs were prescribed | not adequate enough in essence and dosage | treatment is not complete enough for both the underlying and concomitant diseases | correct but not comprehensive enough or polypharmacy | the treatment is quite adequate |
| **9. Understanding the mechanism of action of the prescribed drugs** | misinterpretation | largely erroneous | partial | makes mistakes in unimportant details | complete |
| **10. Determination of prognosis and prevention** | can't determine | inadequate definition | not adequate and incomplete | adequate but incomplete | adequate, complete |