Tests to Theme 8: Clinical and physiological changes of female genitals in different age periods. Neuroendocrinal control of genital system functioning.

1. A girl was examined by children’s gynecologist. Mammary glands are notable, peripapillary ring and papilla form a single cone. There is rare pilosis of pubis. Pilosis of axillary zones are absent. There is no menstruation. Estrogen secretion is low. What stage of puberty is it?
   A. Pre-pubertal period
   B. First stage of pubertal period
   C. Second stage of pubertal period
   D. Period of childhood
   E. Newborn period

2. During examination of a girl a doctor fixed enlargement of mammary glands (telarche), pilosis of pubis (pubarche). Nucleus pyknosis is starting in vaginal epithelium cells. Lactobacilli are appearing. The fact of first menstruation onset is fixed. What stage of girl’s puberty is it?
   A. Pubertal period
   B. Period of sexual maturity
   C. Pre-pubertal period
   D. Period of childhood
   E. Fetal period

3. A woman aged 26 menstruates for 3-4 days with the interval of 28 days. Menstruation is regular, not excessive. On the 14-15-th days of menstrual cycle basal temperature rises to 37.2 C. What does it mean?
   A. One-phase anovular cycle
   B. Hyperluteinism
   C. Ordinary two-phase cycle
   D. Two-phase cycle with first phase failure
   E. Two-phase cycle with second phase failure

4. A girl aged 11 came to a children’s gynecologist for examination. What changes take place in girl’s body before first menstruation?
   A. Increasing of height
   B. Hyperluteinism
   C. Pilosis onset of pubis and axillary zones
   D. Enlargement of adrenal glands
   E. Increasing of body weight

5. A girl is 12 years old. Her constitution is asthenic, secondary sexual characters are feebly marked. She complaints of excessive bloody vaginal discharge. Menstruation started 7-8 days ago after 1.5 months of ischomenia. What is the cause of uterine hemorrhage?
   A. Atresia of follicle
   B. Persistence of yellow body
   C. Ovarian tumor
   D. Hereditary factor
   E. Hyperplasia of adrenal glands
6. A woman aged 52 came to a female dispensary complaining of irregular menstruation of different intensity during the period of three months. Anamnesis reveals two labors and three abortions without complications. Vaginal examination shows that uterus is of normal size, uterine cervix is clear, uterine adnexa are not out of the way. What stage of female life is it?
A. Fertile
B. Pubertal
C. Climacteric
D. Gerontal
E. Menopausal

7. A girl is 14 years old. Her mother came to a gynecologist and took consultation about girl’s menstruation cycle. The girl has bloody vaginal discharge for 3-4 days with the interval of 3-4 months. Menstruation is painless and not excessive. Menarche was when she was 13. In what cases is it a normal state?
A. In pubertal period
B. In peri-menopausal period
C. In lactation period
D. In all cases
E. In no cases

8. A woman aged 25 came to a gynecologist for consultation. She has been examined by functional diagnosis tests and has been controlling her basal temperature for three months. What is hyperthermal test effect of basal temperature control based on?
A. Estradiol effect
B. Prostaglandin effect
C. Progesterone effect
D. LG-effect
E. FSG-effect

9. A woman aged 30 came to female dispensary for preventive examination. There are no complaints. She had 1 labor and no abortions. First menstruation started when she was 13. It lasts 3-4 days with the interval of 25 days. Menstruation is regular, painless. Vagina examination didn’t reveal any pathology. What functional diagnosis test proves two-phase menstrual cycle?
A. “Pupil” symptom
B. Karyopyknotic index
C. Basal temperature control
D. “Fern” symptom
E. All mentioned above

10. A woman without any gynecological pathology had colpocytological investigation. On the twenty first day of her menses there were results: 80% of superficial cells, 20% of intermediate cells, karyopyknotic index is 75%. What state does a woman have?
A. One-phase menstrual cycle
B. Normal menstrual cycle
C. Menstrual cycle with second phase failure
D. Luteinization signs
E. Proliferation of endometrium
11. A woman aged 53 came to a doctor for preventive examination. There are no complaints. She has not had menstruation for three years. Internal genital examination shows age changes. What estrogenic hormone is essential during postmenopause?
A. Estradiol  
B. Estron  
C. Estriol  
D. Estradiol-dipropenat  
E. Valeriat of estradiola

12.During woman’s preventive examination a gynecologist stated the second phase of menstrual cycle. What effect doesn’t progesterone have?
A. Providing secretion of uterine tube glands  
B. Provoking polification of endometrium  
C. Assisting ovum nidation  
D. Provoking decidual changes of endometrium  
E. Provoking endometrium rejection

13.A young woman aged 18 came to reception department of a hospital. She complained of bloody vaginal discharge and weakness during menses. Her skin was pale, A/P was 100/70. Menarche started when she was 12. Menstruation is regular, painless, with the interval of 30 days. What is the cause of desquamation of functional layer?
A. Eject of LG  
B. Decreasing of estrogen and progesterone levels  
C. Decreasing prolactine level  
D. Increasing of estradiol level  
E. Eject of FSG

14.A woman aged 26 came to a gynecologist complaining of 3 day ischomenia during spring and autumn. External examination shows no peculiarities. Gynecological examination shows that uterine body is 5*4*3* cm, painless and mobile. Adnexa uteri are not out of the way. There is vaginal leucorrhea. Basal temperature is monophasic. What is the main criteria of normal menstruation cycle?
A. Regular menstruation cycle  
B. The year of menarche starting  
C. Peculiarities of menstrual function forming during the period of puberty  
D. Ovulation  
E. All mentioned above

15.A girl of 16 came for preventive examination. There are no sexual contacts. Menarche started when she was 12. During the year menstrual cycle was irregular. At the period of examination menstrual cycle was regular. What is normal duration of menstrual cycle?
A. 28-29 days  
B. 28-40 days  
C. 3-7 days  
D. 21-35 days  
E. 14-28 days.
16. A mature alive girl was born in maternity department 3 days ago. During the morning round a neonatologist discovered coarsened mammary glands and scanty, bloody vaginal discharge. What is the cause of such state?
A. Ovarian cystoma
B. Hormonal crisis
C. Juvenile uterine hemorrhage
D. Endometrium cancer
E. Foreign body in vagina

17. A woman came to a gynecologist complaining of sterility for the period of three years. Colpocytogram was made to determine ovary hormonal function. What does maturity index mean?
A. Percentage of superficial cells with pyknotic nuclei to vesicular nuclei
B. Percentage of cells of three types: superficial, intermediate and parabasal
C. Percentage of superficial cells to parabasal
D. Percentage of cells with eosinophilic stain to cells with basophilic stain
E. Percentage of intermediate cells to superficial

18. A girl aged 14 came to a gynecologist complaining of bloody vaginal discharge lasted for three days. It was her first menstruation. What state is described at this situation?
A. Menarche
B. Delay of sexual development
C. Early sexual development
D. Dysfunctional uterine bleeding
E. Dysmenorrhea

19. A woman aged 49 came to a female dispensary complaining of irregular bloody discharge of different intensity lasted for six months. Anamnesis reveals one labor and two abortions. There are no gynecological diseases. Vaginal examination shows that uterine cervix is clean, mobile, painless, ostium of the uterus is closed. Uterus is of normal size, painless, dense. Uterine adnexa are not changed. What period of woman’s life is it?
A. Fertile
B. Pubertal
C. Reproductive
D. Gerontal
E. Perimenopausal

20. A woman aged 33 came to a female dispensary for preventive examination. There are no complaints. She had two labors and no abortions. Menstruation started when she was 12. The menstrual cycle is 3-4 days with the interval of 26 days. Menstruation is regular, painless. Vaginal examination shows no pathology. What is the duration of normal menstruation?
A. 1-3 days
B. 3-5 days
C. 3-7 days
D. 5 days
E. 2-10 days

21. A woman aged 48 came to a female dispensary. She hasn’t menstruated for 7 months. She had one labor and one abortion. There are no gynecological diseases. Vaginal examination shows that
uterine cervix is clean, uterus is dense, painless, mobile, of normal size. Uterine adnexa are not changed and painless. What hormonal changes take place in woman’s body?
A. Decreasing estrogen concentration and increasing FSG concentration
B. Increasing estrogen concentration and decreasing FSG
C. Decreasing both estrogen and FSG concentration
D. Increasing progesterone concentration
E. Increasing LG concentration

22. A woman aged 60 came to a gynecologist for preventive examination. There are no complaints. Menopause has lasted for ten years. Vaginal examination shows that vagina is narrow, mucous coat is pale, dry and thin. Uterine sizes are 3*3*4. It is dense, painless. Uterine adnexa are painless and not changed. What parts of the body react to estrogen decreasing?
A. Uterus, ovary, bones, hair, mammary glands, small pelvis muscles
B. Uterus, kidneys, liver, mammary glands
C. Uterus, heart, liver, kidneys
D. Ovary, kidneys
E. All mentioned above

23. A woman aged 43 came to female dispensary complaining of 6 month menopause. Examination showed decreasing of estrogen level and increasing of gonadotropin secretion. What phase of premenopausal period is the woman in?
A. Hypoluteinal
B. Hyperluteinal
C. Hypoestrogenic
D. Hyperestrogenic
E. Ahormonal

24. A mother took her daughter aged 12 to a gynecologist for preventive examination. There are no complaints. Mammary glands are enlarged, there is some asymmetry, pilosis of pubis. Vaginal smear contains superficial cells and lactobasilli. What phase of sexual development is the girl in?
A. Pubertal period, first phase
B. Pubertal period, second phase
C. Prepubertal period
D. Period of puberty
E. Juvenile period

25. A woman aged 26 addressed to a female dispensary for preventive examination. Menstruation started when she was 12. It lasts for 3-4 days with the interval of 30 days. Menstruation is not excessive, painless. Last menstruation was 20 days ago. Vaginal smear contains mainly intermediate cells. What phase of menstrual cycle is it?
A. Phase of menstruation
B. Phase of follicles
C. Phase of yellow body
D. Postmenstrual phase
E. Phase of secretion
Tema 8

1. A
2. A
3. C
4. E
5. A
6. C
7. D
8. C
9. C
10. A
11. B
12. B
13. B
14. D
15. D
16. B
17. D
18. A
19. E
20. C
21. A
22. A
23. C
24. A
25. E