**Subject:** Clinic methods of examination in the hemic system diseases. Normal and pathologic common blood analysis. Terms of leucocytosis and leucopenia.

Table 1.General information

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| --- | --- | --- |
| 1 | School | Astrakhan SMU |
| 2 | Speciality | General medicine |
| 3 | Discipline | [Propaedeutics of Internal Diseases](https://www.multitran.com/m.exe?s=Propaedeutics+of+Internal+Diseases&l1=1&l2=2) |
| 4 | Author of the tasks | V.V. Antonyan, E.A. Uklistaya, A.V. Dedov,А.А.Panov, N.V.Kamneva, S.G. Kasatkina |
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| 7 | SNILS | - |

Table 2.List of tasks in the discipline

|  |  |  |
| --- | --- | --- |
| **Type** | **Code** | **Text of a job function title /a question of the task/possible answers** |
| Ф |  |  |
|  |  |  |
| В | 001 | Agranulocytosis is a state, when there are following processes in blood:  |
| О | A | basophils, eosinophils and neutrophil disappear  |
| О | B | Lymphocytes disappear |
| О | C | basophils, eosinophils and neutrophil increased  |
| О | D | banded and immature neutrophils increased |
| О | E | banded and immature neutrophils disappear |
|  |  |  |
| В | 002 | Anemic murmur at the heart apex is a consequence of: |
| О | A | volumetric blood flow increase |
| О | B | progression of the left ventricular hypertrophy  |
| О | C | organic lesion of mitral valve |
| О | D | papillary muscles dysfunctions |
| О | E | decreased blood viscosity |
|  |  |  |
| В | 003 | Apparent splenomegaly is typical for: |
| О | A | myeloid leukemia |
| О | B | iron-deficiency anemia |
| О | C | haemophilia |
| О | D | radiation sickness |
| О | E | Schonlein-Henoch disease |
|  |  |  |
| В | 004 | How do we call per cent composition of singular leucocyte forms? |
| О | A | leukogram |
| О | B | colour index |
| О | C | hematocrit volume |
| О | D | leucocytosis |
| О | E | leucopenia |
|  |  |  |
| В | 005 | What is standard erythrocyte sedimentation rate (ESR)? |
| О | А | 2-15 mm/h |
| О | B | 20-22 mm/h |
| О | C | 25-30 mm/h |
| О | D | 10-25 mm/h |
| О | E | 2-6 mm/h |
|  |  |  |
| В | 006 | Smudge cells (Botkin-Gumprecht cells) are: |
| О | А | partially destroyed lymphocytes |
| О | B | prolymphocyte |
| О | C | neutrophils with multisegmented nucleus  |
| О | D | megalocytes with the remainings of nuclear envelope  |
| О | E | megaloblasts |
|  |  |  |
| В | 007 | Cabot's ring bodies and Jolly's body are: |
| О | А | nuclear remainings in megalocytes |
| О | B | elements of petechial skin rash |
| О | C | polycyclic parts of tongue hyperemia in Hunter glossitis  |
| О | D | figures formed by hypertrophic and atrophied folds of gastric mucosa  |
| О | E | erythrocytes of unusual form |
|  |  |  |
| В | 008 | Leucopenia is usually not a manifestation of: |
| О | А | sepsis |
| О | B | radiation sickness |
| О | C | systemic lupus erythematosus |
| О | D | portal liver cirrhosis |
| О | E | typhoid fever |
|  |  |  |
| В | 009 | Normal leucocyte quantity: |
| О | А | 4,0-9,0х109/l |
| О | B | 10,0-15,0х109/l |
| О | C | 15,0-25,0х109/l |
| О | D | 30,0-65,0х109/l |
| О | E | 2,0-4,0х109/l |
|  |  |  |
| В | 010 | Normal erythrocyte quantity in women: |
| О | А | 3,9-4,5х1012/l |
| О | B | 2,3-3,5х1012/l |
| О | C | 5,2-6,0х1012/l |
| О | D | 4,9-5,5х1012/l |
| О | E | 1,2-2,5х1012/l |
|  |  |  |
| В | 011 | Normal erythrocyte quantity in men: |
| О | А | 4,1-5,0х1012/l |
| О | B | 2,3-3,5х1012/l |
| О | C | 3,7-4,7х1012/l |
| О | D | 4,9-5,5х1012/l |
| О | E | 1,2-2,5х1012/l |
|  |  |  |
| В | 012 | Pancytopenia is: |
| О | А | declining number of all blood corpuscles |
| О | B | declining number of all forms of blood neutrophils |
| О | C | expansion number of all forms of blood granulocytes |
| О | D | declining number of all forms of blood granulocytes  |
| О | E | expansion number of all blood corpuscles |
|  |  |  |
| В | 013 | What does the definition “lymphoadenopathy” mean? |
| О | А | enlargement of the lymph glands |
| О | B | lymphocytosis in periferic blood |
| О | C | lymphoblastosis in sternal punctate |
| О | D | leucemic infiltration of spleen |
| О | E | leucemic infiltration of the lymph glands |
|  |  |  |
| В | 014 | What does splenomegaly mean? |
| О | А | enlargement of the spleen |
| О | B | prevalence of macroerythrocytes in blood |
| О | C | expansion number of all blood corpuscles |
| О | D | varix dilatation of [anterior abdominal wall](https://www.multitran.com/m.exe?s=anterior+abdominal+wall&l1=1&l2=2)  |
| О | E | enlargement of the intrathoracic lymph glands  |
|  |  |  |
| В | 015 | Appearance of lymphoadenopathy is not typical for: |
| О | А | radiation sickness |
| О | B | lymphomatoid granulomatosis |
| О | C | gastric cancer |
| О | D | tuberculosis |
| О | E | leucosis |
|  |  |  |
| В | 016 | Left shift of leucogram happens when  |
| О | А | banded and immature neutrophils increase |
| О | B | appearance of myeloblast |
| О | C | basophils, eosinophils and neutrophil increase |
| О | D | basophils, eosinophils and neutrophil disappear  |
| О | E | banded and immature neutrophils disappear |
|  |  |  |
| В | 017 | What is leucocytosis: |
| О | А | expansion number of leukocytes in blood |
| О | B | declining number of leukocytes in blood |
| О | C | appearance of small leukocytes in blood |
| О | D | appearance of leukocytes of different sizes |
| О | E | appearance of large leukocytes in blood |
|  |  |  |
| В | 018 | What is leucopenia: |
| О | А | declining number of leukocytes in blood |
| О | B | appearance of small leukocytes in blood |
| О | C | appearance of leukocytes of different sizes |
| О | D | expansion number of leukocytes in blood |
| О | E | appearance of large leukocytes in blood |
|  |  |  |