

PATHOLOGY ARCHIVE



Final - زوّح

Done by :

Aya Abu samra



الطّب الجراحة  
لجنة

1) Patient with prolonged PTT, all these factors should be elevated except:

- a-X
- b-XII
- c-VII
- d-V

Answer: C

2) According to the below picture, the most sensitive test for it is:



- a-Ultrasound
- b- platelet count
- c- pTT
- d-pT

Answer: A

3) Most common causes of fatty change in the liver:

- a- Obesity
- b-Diabetes
- c-old age

Answer: B

4) A child is born with a single functional allele of a tumor suppressor gene.

At the age of five the remaining normal allele is lost through a point mutation. As a result, the ability to inhibit cell cycle progression until the cell is ready to divide is lost. Which of the following neoplasms is most likely to arise via this mechanism?

- a-Breast ductal carcinoma
- b-Pulmonary small cell anaplastic carcinoma
- c-Ocular retinoblastoma
- d-Cerebral astrocytoma

Answer: C

• (وَيَسِّرْ لِي أَمْرِي) •



5) xeroderma pigmentosum are all except :

- a-Basal cell cancer
- b-Melanoma
- c-Sweat gland cancer
- d-Basalioid squamous cell cancer

:Answers

6) One of the following is not hallmark of cancer:

- a-self-sufficiency in growth signals
- b-high-insensitivity to growth-inhibitory signals
- c-Evasion of immune surveillance
- d-sustained angiogenesis

Answer: B

7) One of the following associated with septic shock :

- a-Hyperglycaemia
- b-Hypoglycemia
- c-Alkalemia
- d-Hypercalcemia

Answer: a

8) According to picture the correct arrangement is



- A- Hemostasis/inflammation/repair/remodelling
- B-Remodelling /repair/inflammation/hemostasis
- C-Inflammation / hemostasis/repair/ remodelling
- D-Hemostasis/inflammation/ repair/remodelling

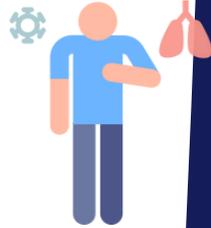
Answer: A

في همّتك ما يبني أمّتك



9) the most common form of necrosis :

- a-coagulative necrosis
- b-caseous necrosis
- C-liquefactive necrosis
- d- fat necrosis



Answer:A

10) Patient had a mycoplasma bacteria and you gave him streptokinase ,the drug works as

- a-Plasminogen activator
- b-Plasminogen activator inhibitor
- c-Fibrin

Answer: a

11) Child Patient with periorbital edema what the most important information you should take from history

- a-Drug history
- b-Familial history
- c-Similar lesion in the body
- d-Weight loss
- e-virus infection

:Answer

12) The most sensitive for determine the grade of cancer :

- a-Extent of cancer metastasis
- b-The lymph node
- C- The number of mitosis

:Answer

13) Which of the following is benign:

- a-Chondroblastoma
- b-Osteochondroma
- c-Lewis tumor
- d-Melanoma

:Answer

اللهم ليس بجدي و اجتهادي و إنما توفيقك و عونك يا معين

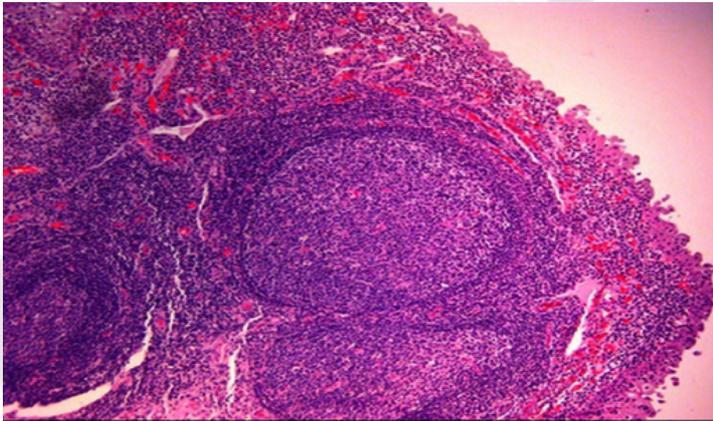
14) A 21 age female pregnancy patient, come to clinic with unilateral occlusion, what you don't do :

- a-Ultrasound
- b-Platelet count
- c-PT
- d-PTT
- e- D- dimer



Answer: B

15)According to below picture which is indicate



- a-coagulative necrosis
- b-granulation tissue
- c-tertiary lymphoid organ

Answer: c

16) obstruction of superficial lymphatics by breast cancer may cause edema of the overlying (skin) the characteristic finely pitted appearance of the skin of the affected breast is :

Answer: peau d'orange

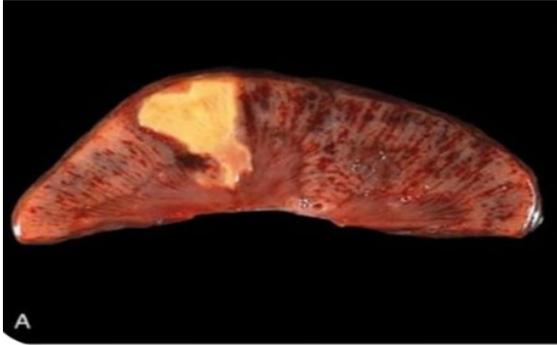
17)The most common arteriolar embolization site of systemic embolization is:

- a-intestines.
- b-Kidneys
- c-the lower extremities
- d-central nervous system
- e- Spleen

Answer: c

{يَرْفَعُ اللَّهُ الَّذِينَ آمَنُوا مِنْكُمْ وَالَّذِينَ أُوتُوا الْعِلْمَ دَرَجَاتٍ}

18) According to below picture , this is:



- a-Liquefactive necrosis
- b-Gangrenous necrosis
- C- Caseous necrosis
- d-Fat necrosis
- e- Coagulative necrosis

Answer: e

19)vegetation occurs in :

- a-ASD
- b-valve
- c-VSD

Answer: b

20) One of the following refer to paraneoplastic syndrome:

- a-Cachexia, anemia and fatigue
- b-Signs and symptoms related to hormone production
- C-Location and impingement to adjacent structure

Answer: a

21) Woman with squamous cell carcinoma of the cervix caused by which type of human papilloma virus :

- a-7
- b-6
- c-11
- d-18

Answer: d



يشتر لي ما استصعبته نفسي

22) IF there mutation in tumor suppressor gene ,it will be distribution in the check point between:

- a- S & M2
- b-S & G2
- C- G1 & S
- d- G0 & G1

:Answer

23) phosphorylation of RB causes :

- a-Inhibition of the growth factor
- b-Promotion growth factor

Answer: b

24) One of the following is true :

Epithelial papilloma virus is benign tumor

25) most often encountered in foci of tuberculosis infection is :

- a-Coagulative necrosis
- b-Liquefactive necrosis
- C- Gangrenous necrosis
- d- Caseous necrosis
- e-Fat necrosis

Answer: d

26) Patient had a congestive heart failure and with as the below picture , what is the most serious in his history that causes it :



- a-Diabetes
- b-hypertension
- c-Lipidima
- d-obesity

Answer:

طموح ... لا تعرقه الصعاب



27) Platelet derived from one of the following cell:

Megakaryocytes

Wrong about macrophage (28)

a-Short life 6 hours

b-It's secret nitric oxide

Answer: a

29) All the following are clinical manifestations to phospholipid antibody syndrome except:

a- recurrent thrombosis

b- thrombocytosis

c- Repeated miscarriage

d- cardiac valve vegetation

Answer: b

30) Libman endocarditis accombaind with ?

SLE

31) according to this picture which is tumor cells consists of three germ cell?



Answer: Teratoma

32) A patient presented to the ER with a venomous snake bite. Tests revealed he had multiple infarction and organ failure. Patient had cyanosis. Which one of the following organs won't be of a manifestation of the bite:

a-Liver

b-Kidney

c-Spleen

d-Eyes

Answer:

احلم .. اتمنى .. افعل



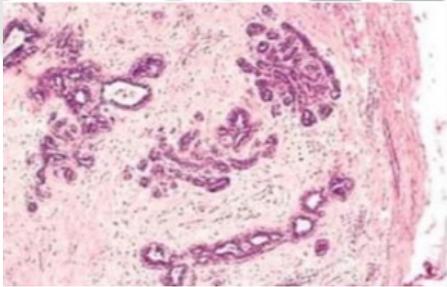
33)according to below picture , this is a:



- a-red infraction
- b-white infraction
- c-fat emblosim

Answer: b

34)according to below picture which is unencapsulated tumor , this is :



- a)invasive breast cancer
- b) fibroadenoma

Answer: a

35)patient had bypass surgery,during it he was suffering from chest pain,dyspnea, headache, and confusion ,what do you think the responsible of all of that ?

- a-Fat embolism
- b-Amniotic fluid embolism
- c-Pulmonary thromboembolism
- d-Air embolism

Answer: d



"يسمَعُكَ وَإِنْ كَانَ رَجَاؤُكَ حَيْبَسَ صَدْرَكَ! ♥"

36) Fracture of long bone ...?

**Fat embolism**

37) all of the following bilateral edema except

**Filariasis\***

38) All of the following contribute to thrombosis by abnormal blood flow except :

- a-Ulcerated atherosclerotic plaques
- b-aortic aneurysm
- c-Hyperviscosity syndromes /polycythemia
- d-Sickle cell anemia
- c-Leukemia

**:Answer**

39) Mesothelioma is an associated neoplasm which is caused by :

- a-Asbestosis
- b-silicosis
- c-Hepatitis
- d-Osteomyelitis

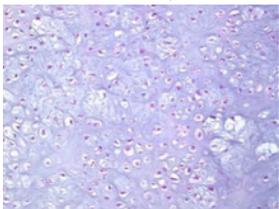
**Answer:a**

40) which is of the following is not autosomal dominant cancer syndrome:

- a-Li-Fraumeni syndrome
- b-Neurofibromatosis
- c-Multiple endocrine neoplasia 2
- d-Hereditary nonpolyposis syndrome
- e-Xeroderma pigmentosum

**Answer: e**

41) identify the following picture:



- a-Chondroma
- b-Chordoma

**Answer: a**

"لو أبصر المؤمن ما خفي من لطف ربه! لاستلذَّ البلاء كما يستلذُّ العافية!"

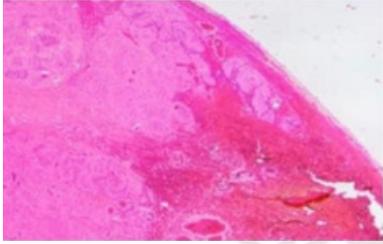
42) One of these considered benign tumour :

- Melanoma-
- chondroblastoma-
- chondrosarcoma-



Answer: b

43)The leading cause of below ovary's picture :



- a-ovary mass
- b-Hemorrhage

Answer:

44)the percentage of strength in well skin wounds that recover the normal skin by 3 months is :

- a- 10%
- b-40%
- c-100%
- d-80%

Answer: d

45) man came to emergency,he had hypoxia and rapid breathing , you made pTT test and the result was prolonged pTT ,all of the following will be in high level except :

- a-D-dimer
- b-X
- c-VII
- d- Thrombin
- e-Fibrenogen

Answer:

واغفر لنا إن عاهدناك ألا نعود وعُدنا، اغفر لنا وردنا إليك ردًا جميلاً.

46) Xeroderma pigmentosum doesn't affect:

- a-Melanoma
- b-Squamous cell cancer
- c-Sweat gland
- d-basal cell cancer
- d-Basaloid squamous cell cancer

:Answer

47) All of the following are steps of angiogenesis in wound healing except:

- a-Endothelial migration
- b-Periendothelial recruitment
- c-Basement degradation
- d-Wound contraction
- e-Vasodilatation

:Answer

48) which is the incorrect about septic shock :

Decrease vascular permeability hypoperfusion

49) the intracellular material that accumulates in a variety of tissues with aging :

- a-Lipofuscin
- b-Fatty change
- c-Glyogen
- d-Melanin

Answer:a

50) Bernard- Soulier syndrome deficiency in :

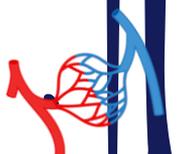
- a-GPIb
- b-GPIIb-IIIa
- c-Von Willebrand factor

Answer:a

51) BRCA1 mutation leads to cancer in:

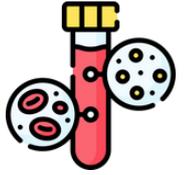
Breast and ovary cancer

إنَّ المرءَ لن ينالَ ما يُحِبُّ ، حتَّى يصبرَ على كثيرٍ مما يكره .



52) what is the most preventable cause of cancer?

- a-Alcohol consumption
- b-Tobacco smoke



:Answer

53) The most sensitive for determine the grade of cancer :

- a-Extent of cancer metastasis
- b-The lymph node
- c-The number of mitosis

:Answer

54) One of the following is true

Epithelial papilloma virus is benign tumor

55) A 33-year-old previously healthy woman presented to her general practitioner with a 1-day history of worsening left swelling associated with pain and tightness. The patient denied a history of recent surgery or trauma, prolonged immobilization or smoking. She denied any recent insect bites. Medications review revealed that she had started oral contraceptives 2 months previously. A Doppler sonogram shows thrombosis of deep left leg veins. Which of the following pathophysiologic mechanisms is most responsible for the edema and swelling in this patient?

- a-Increased Hydrostatic Pressure
- b-Reduced Plasma Osmotic Pressure
- c-Lymphatic Obstruction
- d-Sodium and Water Retention
- e-Inflammation

:Answer

"وسلوي المؤمن أنه مأجورٌ على كلِّ آهٍ يئنُّ بها، وعزأؤه أنها دنيا."

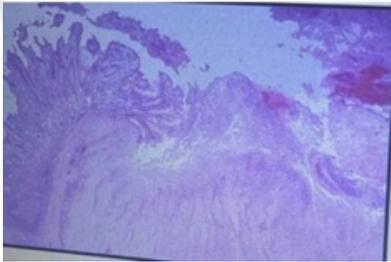
55) 57-year-old obese patient presented at the emergency department with 1 year history of a small lump in her breast: over the last 2 months the breast had become much bigger, heavy, itchy, and hot the patient's mother and 2 maternal aunts died of pre-menopausal breast cancer. Clinical examination of the left breast showed widespread erythema and intense edema with peau d'orange, along with an enormous and ill-defined mass. Which of the following pathophysiologic mechanisms is most responsible for the edema and swelling in the patient's breast?

:Select one

- a-Increased Hydrostatic Pressure
- b-Reduced Plasma Osmotic Pressure
- .c-Lymphatic Obstruction
- d-Sodium and Water Retention
- e-Inflammation

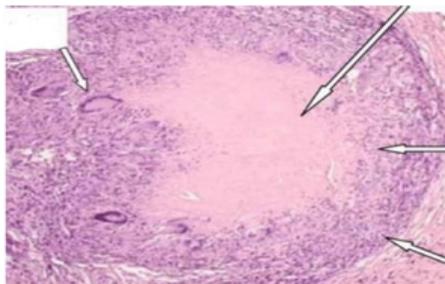
:Answer

56)Identify the below picture:



Answer: ulcer

57)the multinucleated cell in below picture:



- a-lymphocytes
- b-Macrophage

Answer:b

"فقد تُورِقُ الأغصانُ بعدَ ذبولِها،  
ويبدو ضياءُ البدرِ في ظلمةِ الوهنِ"

