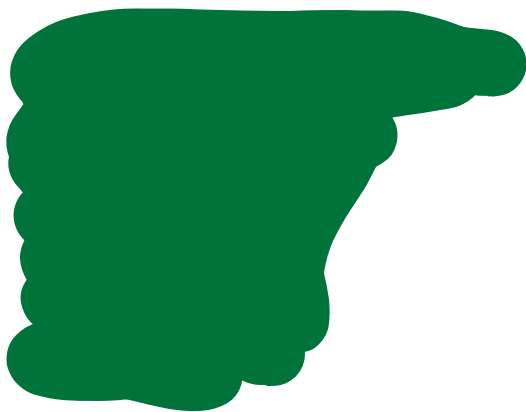




الطب والجراحة لجنة

دفعه نبيض

RS module – med exam



2-medically important human dimorphic pathogen?

A-*Histoplasma capsulatum*

B- *Aspergillus niger*.

C- *A. flavus*

A- *Aspergillus fumigatus*

more

4- pseudomembrane doesn't extend to another locations rather oropharynx

- diphtheria

[Redacted]

6- Incorrect about Ethambutol

-Not absorbed from GIT

7- All factors would affect the

[Redacted]

8-Angle of Louis located in ?

-Between T4/T5

[Redacted]

[Redacted]

11-All the following are adverse effects of first generation histamine antagonists EXCEPT?

A- Blurred vision.

B- Dry mouth.

C- Dizziness.

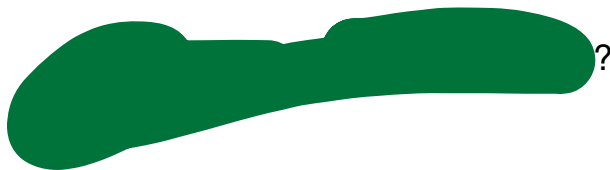
D- Diarrhea

12-7 farmers and transmitted from horses in an area where fruit bats are existing, the most likely cause agent is?

A. Hendra virus

B. Parainfluenza virus

C. Human metapneumovirus

?

14 e

15-Something about bronchitis?

A-respiratory zone

B-conducting zone

C-respiratory & conducting zone

D-all airway generations

E-terminal bronchi

16-Which is wrong about Mumps?

A-it may cause orchitis

B-has a live attenuated vaccine

C-zoonotic

17-Mechanism of action of isoniazid?

-interferes with mycolic acid synthesis

18-Pleura of lung is at midclavicular line at?

-8th costal cartilage

19-Medicine question: FEV1?

A-volume of air exhaled in one second

B-normal ratio is FEV1:FVC is 30%

C-3000 ml

20



21-The most common bacterial cause of acute exacerbations of COPD is Select one : Streptococcus pneumoniae

A-Legionella pneumophila

B-Moraxella catarrhalis

C-Staphylococcus aureus

D-Haemophilus influenza

22-Casoni test is an intradermal test for the diagnosis of?

A- L. pneumophila

- B- M. tuberculosis
- C- Histoplasma capsulatum
- D- Hydatidosis**
- E- C. diphtheriae

23-Which one of the following can be seen in Sarcoidosis?

- A. Chacot-Leyden crystals
- B. Curschmann spirals
- C. Fusiform rods with a translucent center
- D. Schaumann bodies**

24-Which one of the following matched pairs representing Pulmonary vascular

changes is correct?

- C- Distension of Capillary vessels - Decreased PVR

25-All the following regarding chronic fibrosing Interstitial Lung Diseases EXCEPT: **answer is C**

- A. Asbestosis
- B. Desquamative interstitial pneumonia**
- C. Unusual Interstitial Pneumonia
- D. Silicosis

26-One of the following represents of lung infarction caused by peripheral embolic occlusion:

A. Wedge-shaped, with their base at the hilus of the lung and the apex pointing toward the pleural surface.

B. Wedge-shaped, with their base at the pleural surface and the apex pointing toward the hilus of the

27



28-Exposure to asbestos can cause all the followings except ?

A- Pericardial effusion

B- Lung carcinoma

C- Laryngeal carcinoma

29- Which of the following organism could found in soil plant?

- B.anthraxis

30- pyocyanin is bluish pyoverdin is?

- Greenish

31- which cause honeycomb appearance?(embryo)

-Bronchiectasis ?

32

- insoluble

33-Wrong about treatment of asthma?

-use salmeterol in acute attack

34-Wrong about adverse effects of Histamine H1 antagonist?

- Diarrhea

35-False pairs?

- flucloxacillin - atypical pneumonia

36-antivertigo , the safe drug for pregnancy?

-meclizine

37-in p.aeruginosa , pyocyanin gives bluish pigments pyoverdine give---
----- pigment ?

- Greenish

38- organism that is found in soil , water and air ?

- bacillus anthracis

39-lung fluke?

-paragonism westermani

40-Dimorphic fungi ?

-histoplasma

41-Case about organism which causes erythema nodosum?

-histoplasma

42-median nasal process formed by?

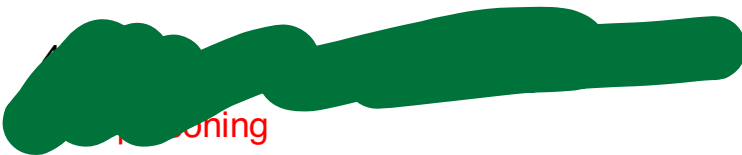
-unit the 2 medial nasal processes

43-appearance of honeycomb in x-ray caused by?

-congenital cysts of lung

44- hemoptysis , cough more than 2 weeks, loss 10kg , night sweat caused by?

-TB



46-the muscle which is abductor for vocal cord?

-posterior cricoarytenoid

47--Key cartilage of the larynx?

epiglottis

Archive Nabd

RS - Final

Done by :



[Redacted]

.....

[Redacted]

.....

-Hypoxemia cause hyperventilation by directly stimulating..
aortic and carotid body chemoreceptors

.....

-all are adverse effects of bromahexine except
Diuresis

.....

-what happens when venous or arterial
pressure rises ?

Capillary distension and recruiment

.....

-A drug isn't use in community acuires pneumonia ?

Tetracycline

.....

-mismatch.

Chronic sinitis ... Co- trimoxazole

.....

-wrong about histoplazma capsulatum?

It has capsule

.....

[Redacted]

.....

-One isn't clinical marker acute sever asthma...



dizziness and confusion.

.....

-infective dose of TB ?

10 organisms

.....

[Redacted text]

.....

[Redacted text] of organic acid
[Redacted text] because its pKa is suitable for blood pH.

.....

[Redacted text]

.....

-Trachea end at

4th thoracic vertebrae

.....

-duplication of medial nasal processes

Polyrhinisa

.....

[Redacted text]

.....

*One is false about respiratory centres;

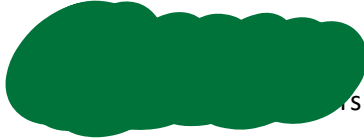
Cutting vagi will inhibit activity

.....



*Greyish white - it scoots on media

Cattarhalis



*True about chlamydia pneumoniae ?

Elemental body is infective stage

*Useless in diagnosis of pneumonia?

Culture

*Wrong about pneumonia?

Strong cell wall

*Wrong sentence;

Corticosteroids are direct bronchodilators

*All are adverse effects of isoniazid except;

Gout

*Erythromycin inhibits metabolism of;

Fenofibrate

*Not concerned with modern increases of asthma;

.. Decrease family size

*Inferior border of pleura does not cross;

6th costosternal junction



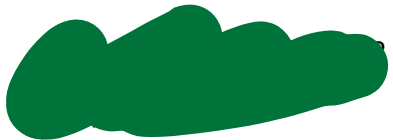


*...articulate directed laterally ?

12th thoracic vertebra









*embolism in right lung?

Po2 in left lung will equal inspired atmospheric po2

*pao2 50- paco2 80 concentration of o2 to return to normal?

28%

*Alveolar gas equation is to measure?

Pao2



*Klopiks spouts in?

Measlea



Rs.

Archive – med (Wateen).



فسيو

1) IPP become positive in all of the following except:

- A) valsalva's manouver
- B) haemo-thorax
- C) tension pneumothorax
- D) muller' manouver

2) antagonism between the chest wall and lung

3) according to the physiological and pathological factors that affect the negativity of intraplural pressure all are true except?

- A) at birth (zero)
- B) Valsalva's maneuver (positive)
- C) emphysema (less negative)
- D) stab wound without valve (positive)
- E) stab wound tension pneumothorax with valve (positive)

4) the pressure in the pleural cavity is

5) all of the following cause shifting the O₂ dissociation curve to the right except:

- A) decrease O₂
- B) increase temperature (fever)
- C) acidosis
- D) pregnancy
- E) fetal hemoglobin **

6) if cutting of a complete section of brain stem above pons occur this lead to?

- A) death
- B) deep & slow respiration
- C) normal autonomic respiration but without voluntary control**
- D) Apneusis

7) if bilateral vagotomy and damage of pneumotaxic center occur this lead to?

- A) death
- B) deep & slow respiration
- C) normal autonomic respiration but without voluntary control
- D) Apneusis**

8) at onset of exercise, what is the stimulation of respiration?

- A) increase CO₂ & H⁺
- B) increase temperature of blood
- C) impulse from proprioceptors**

KD) decrease O₂



اناتومي

1) An artery (truncus arteriosus) is located at:

- A) T12
- B) T8**
- C) T10
- D) Intervertebral discs between 3 and 4 vertebra.

2) The following is true regarding the intercostal spaces:

- A) The intercostal vein is superior to the intercostal artery
- B) The intercostal vein is inferior to the intercostal artery
- C) The intercostal vein is superior to the intercostal vein
- D) The intercostal vein is superior to the intercostal artery

3) The vena caval opening in diaphragm is at the level ??

- A) T12
- B) T8**
- C) T10
- D) C7

4) The following is true regarding the intercostal spaces:

- A) The intercostal vein is superior to the intercostal artery
- B) The intercostal vein is inferior to the intercostal artery
- C) The intercostal vein is superior to the intercostal vein
- D) The intercostal vein is superior to the intercostal artery

7) the pleural cuff is formed from?

- A) diaphragmatic pleura
- B) mediastinal pleura**
- C) costal pleura
- D) cervical pleura

8) behind the upper part of the hilum of right lung ?

- A) oesophagus
- B) groove for (IVC)
- C) groove for azygos vein**
- D) groove for trachea

9) according to the development of the lungs ,all are true except?

- A) each bronchus divides repeatedly forming bronchioles and alveoli .
- B) there is mature alveoli before birth**
- C) the amount of surfactant increase especially during the first two weeks of birth
- D) connective tissue and blood capillary developed from mesoderm



مايكرو

1) 4 year old male not responded to antibiotics presented with fever , dysphagi ,well - defined edges on tonsil ,what is true?

- A) H,influnzea
- B) T.B
- C) C.diphtheria **
- D) Clamidia
- E) S.penuomian

2) All of the following are true about histoplasma capsulatum except?

- A) ability to survive within the macrophage
- B) Stained with PAS
- C) Has a strong capsule &&
- D) dimorphic fungi

3) A man had been previously infected with TB and had a fungal growth inside of it, what is the fungi?

- A) H.capsulatum
- B) A. Fumigatus **
- C) A. Flavus
- D) A. Niger

4) Areas where legionella is commonly found in ??

- A) Shower aerosols that have not been used for a long time **
- B) Canned food
- C) Unpasteurized milk

5) Why does chlamydia grow intracellularly ?

- A) It's a virus
- B)Cant synthesize ATP**
- C) Small size (0.2 - 1 nm)
- D)major cause of atypical pneumonia

6)according to the Hydatid disease all are true except?

- A) Caused by echinococcus.
- B) Man is intermediate host .
- C) Dog is definitive host .
- D) Protoscolex is infective stage for dog **
- E) Liver is the most common site for metastasis followed by lung.

7) What is the mood of infection for paragonimus Westermani?

- A) eating of sallamon.
- B) Eating row crabs. **
- C) Inhalation.

[Redacted]

[Redacted]

[Redacted]

[Redacted]

بيوكيم

[Redacted] *ka* indicates more acidity?

- A) 2xx
- B) -1
- C) -2
- D) -3
- E) 1

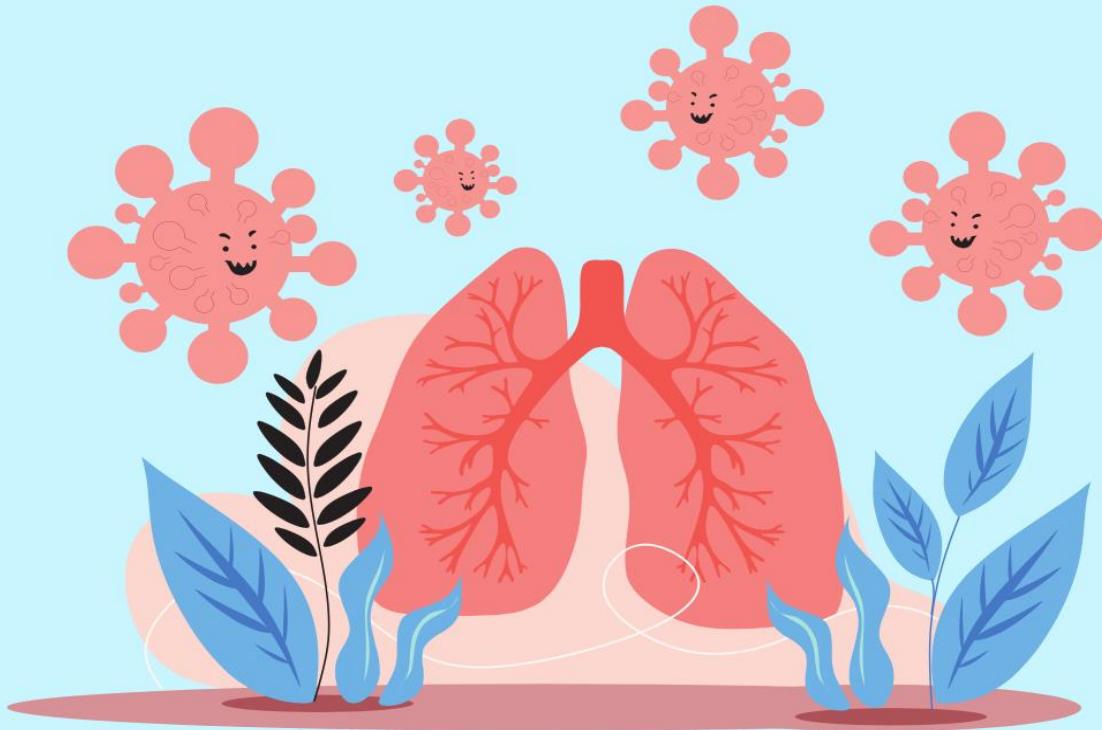
Done by :

Mohamad Al Khateeb



RS ARCHIVE

Wateen - final



Done by ::

الفريق الأكاديمي

الطب والجراحة
لجنة



ANATOMY

[Redacted text]

[Redacted text]

3) What's true regarding the costo mediastinal recess :

Receives anterior border of lung

[Redacted text]

PHARMACOLOGY

1) All of the following are antitussive drugs except:

- a. Dextromethorphan
- b. Methalone
- c. Diphenhydramine
- d. pholcodine

2) All of the following is adverse effect of first generation agent except:

- a. Tachydysrhythmia in overdose
- b. Sedation
- c. Fatigue
- d. Dizziness
- e. Diarrhea

3) All of the following are drugs used in acute bronchitis except:

- a• Clarythromycin
- b• amphotericin (not sure)
- c• erythromycin

4) All of the following is antitussive except:

- a. Morphine

- b. Dextromethorphan
- c. Diphenhidramin

5) All of the following is true regarding treatment of acute sever asthma except :

- a. Humidified oxygen
- b. Nebulized B2 adrenergic agonist
- c. IV fluid
- d. Oral glucocorticode
- e. Potassium and sodium bicarbonate

6) COX1, COX2 :

Constitutional , inducible

7) All of the following is true regarding rifampcin except :

Interfere with mycolic acid synthetic

8) Gout is a side effect of one of the following drugs:

pirazinamide

9) Multi drug in TB therapy is to:

reduce resistance

10) One of the following is used in the induction of abortion or labour :

PGE 2

BIOCHEMISTRY

1) Amount of Glutathione

2) ... primary ... electrons

2) ...

...



3) What's of the following cause shitt left ? Decrease DPG value

MICROBIOLOGY

1) A patient came to hospital with dry cough , dyspnea , chest pain , malaise and crackle sounds , the most probable caustive microorganisms

- a. Staph aureus
- b. H.inf
- c. Mycoplasma
- d. Streptococcal pneumonia

3) Streptococcal pneumonia vaccine works against ?

- a. HA
- b. NA
- c. M protein

4) Period that can bacillus anthrax persist in dry earth ?

- A. 8-10 days
- B. 8-10 weeks
- C. For years

6) All of the following is true about pseudomonas aeruginosa except:

- a. in victims of extensive burns.

﴿وَيَسِّرْ لِي أَمْرِي﴾

- b. has a propensity to invade blood vessels at the site of infection, with consequent
- c. extrapulmonary spread.
- d. Histologic examination: Pseudomonas vasculitis*
- e. Lymphocytic patient

7) Choose the correct answer according to diphtheria :

- a. Easily bled
- b. Not well demarcated
- c. Can't extend to more distal sites

8) All of the following true about hydatid cyst , EXCEPT :

- 70% in lung

9) Cray fish carrying infective stage of :

- Paragonimus westermani

10) *Case : [drooling , stridor] ?

- a. Epiglottitis

PATHOLOGY

1) Wrong about Horner syndrome :

- a. Mitosis
- b. Miosis
- c. Ipsilateral
- d. Contralateral
- e. Anhidrosis

2) Safety factors from edema Except :

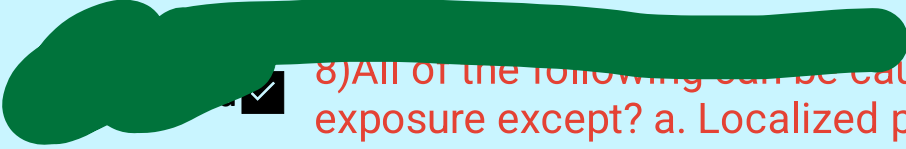
- a. Macrophages
- b. Surfactant
- c. high oncotic pressure
- d. Low capillary pressure
- e. rich lymph nodes

3) All of the following is true regarding paraneoplastic syndrome except:

ثقتك بنفسك هي أهم عوامل النجاح

- a. Small cell carcinoma.
- b. Squamous cell carcinoma.
- c. Adenocarcinoma. e. Both (A+C).
- ***d. Both (A+B).

Hypocalemia



- 8) All of the following can be caused by asbestos exposure except? a. Localized pleural plaques and effusions. b. Parenchymal interstitial fibrosis (asbestosis). c. Malignant mesothelioma. d. Laryngeal Squamous cell carcinoma. ***e. Allergic bronchopulmonary aspergillosis.

5) Radiological and histological pattern of IPF?

Usual interstitial pneumonia

6) Regarding to Small lung carcinoma one of the following is a characteristic feature :

Abdunt cytoplasm

- 9) One of the following paraneoplastic syndromes is associated with lung Squamous cell carcinoma? a. Cushing syndrome. b. Syndrome of inappropriate secretion of ADH. c. Hypercalcemia. d. Peripheral neuropathy. e. Polymyositis.

7) Decreased ratio of FEV1 to FVC indicates

Obstructive disease

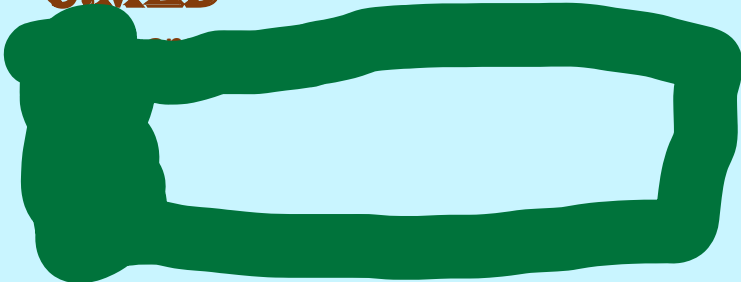
8) Pulmonary hypertension is :

pressures of 25 mm Hg or more at rest, may be caused by a cross-sectional area of the pulmonary vascular bed or, less commonly, pulmonary vascular blood flow.

9) most frequent form of extrapulmonary tuberculosis

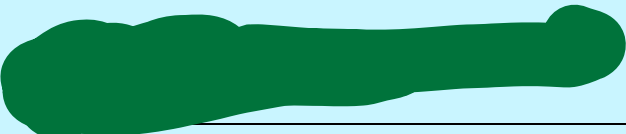
Lymphadenitis

C.MED



2) Asthma before age 12 is considered:

Genetic



PHYSIOLOGY

1) One of the following increase P50:

Exercise ✓

2) All of the following cause shift to the left except:

Increased temperature ✓

3) Which of the following isn't causes of Cheyne stroke respiration?

After voluntary Hypoventilation ✓

4) what is the best way achieve more alveolar ventilation?

By increasing tidal volume (volume rate) ✓

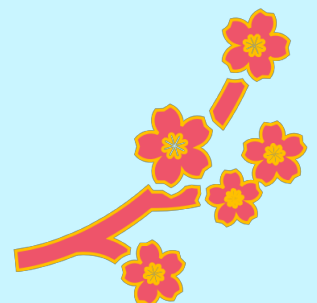
5)

EMBRYOLOGY

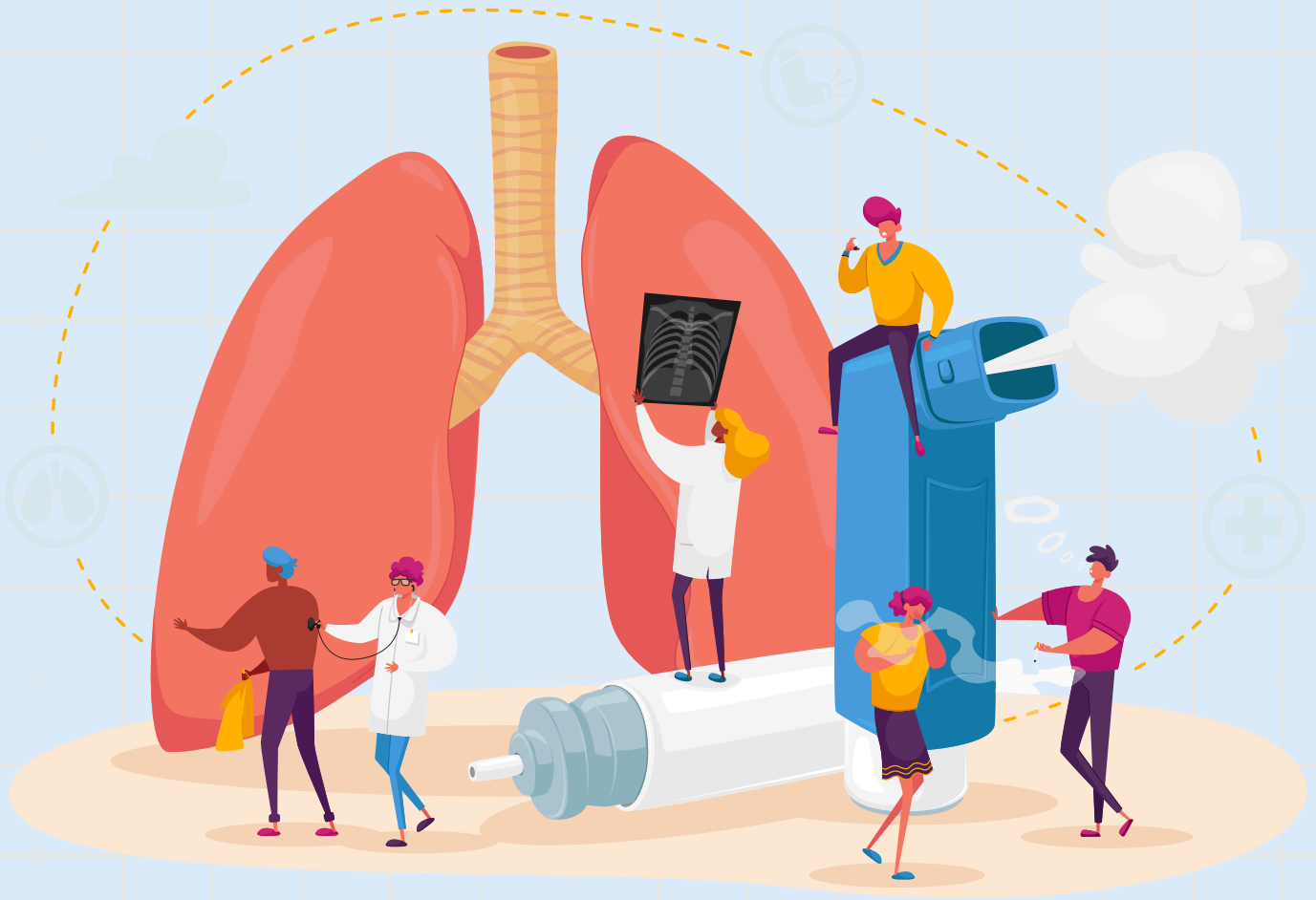
1) Paranasal sinuses is derived from :

Lateral wall of the nasal cavity ✓

اللهم اكتب لنا الهداية والتوفيق
والرشاد ,,
واكتب لنا صلاح الحال



RS/ MIDTERM EXAM- ROUH BATCH



DONE BY:
RAZAN ALRAWAJBEH

الطب والجراحة
لجنة

1) The accumulation of fluid, blood or air within the pleural cavity leading to compression of the lung is referred to as which type of atelectasis?

- A. Obstructive atelectasis
- B. Compression atelectasis
- C. Adhesive atelectasis
- D. Cicatricial atelectasis

Ans:B

4) A 45-year-old male presents with a three-month history of progressive shortness of breath, dry cough, and fatigue. He works as a bird breeder and spends significant time in close contact with birds. Physical examination reveals crackles at the lung bases. A high-resolution CT scan of the chest shows ground-glass opacities and centrilobular nodules. A biopsy of the lung tissue reveals non-caseating granulomas in the peribronchiolar region.

Based on the clinical presentation, occupational history, imaging findings, and biopsy results, what is the most likely diagnosis?

- A. Tuberculosis
- B. Sarcoidosis
- C. Hypersensitivity pneumonitis
- D. Pneumoconiosis

Ans:c

5) true about sarcoidosis :

- A-higher prevalence in smokers
- b-mainly occupational disease
- C-in liver it manifests as granulomas surrounding central veins
- D- in more than 50% it causes granuloma in spleen
- E-immune disease with unknown antigen CD4 lymphocyte

Ans:E

“قِيلَ إِنَّ الطُّمُوحَاتِ تَجِدُ طَرِيقَهَا لِمَنْ يَأْمَنُ بِهَا وَيُغْذِيهَا بِالْجَهْدِ وَالْعَمَلِ وَالشَّغْفِ”

6) The presence of asbestos bodies, which are asbestos fibers coated with an iron-containing proteinaceous material, is most indicative of which condition?

- A. Silicosis
- B. Asbestosis
- C. Coal workers' pneumoconiosis
- D. Berylliosis

Ans: B

7) Mass that contains large cells, with large nuclei and prominent nucleoli, and show no glandular or squamous differentiation, what is the diagnosis?

- A) Squamous cell carcinoma
- b) Large cell carcinoma
- C) Carcinoid tumour
- D) Small cell carcinoma

Ans: B

8) All of the following about sarcoidosis are false except :

- A) more with smokers
- B) has occupational etiology
- C) caused by unknown antigen involving CD4 immunity

Ans: c

9) a patient come to clinic with symptoms of hoarseness and no fever . The causative agent mainly are :

- A) viral
- B) bacterial
- C) fungal

Ans: A

10) Which of the following without buffer are true :

- A) $\text{pH} = 7.38$ and $\text{pO}_2 = 100$ mmHg
- B) $\text{pH} = 7.38$ and $\text{pO}_2 = 80$ mmHg
- C) $\text{pH} = 7.38$ and $\text{pO}_2 = 60$ mmHg
- D) $\text{pH} = 7.38$ and $\text{pO}_2 = 40$ mmHg

Ans: B

11) Which of the following is true :

- A) $\text{pH} = 7.38$ and $\text{pO}_2 = 100$ mmHg
- B) $\text{pH} = 7.38$ and $\text{pO}_2 = 80$ mmHg
- C) $\text{pH} = 7.38$ and $\text{pO}_2 = 60$ mmHg
- D) $\text{pH} = 7.38$ and $\text{pO}_2 = 40$ mmHg

Ans: A

12) Which of the following are true :

- A) $\text{pH} = 7.38$ and $\text{pO}_2 = 100$ mmHg
- B) $\text{pH} = 7.38$ and $\text{pO}_2 = 80$ mmHg
- C) $\text{pH} = 7.38$ and $\text{pO}_2 = 60$ mmHg
- D) $\text{pH} = 7.38$ and $\text{pO}_2 = 40$ mmHg

y:

15) congenital anomalies that describe abnormal diverticulum from the trachea:

- A- ectopic lung
- B- cystic lung
- C- supernumary lung lobule
- D- fistula
- E- lung agenesis

Ans: A

18) Which part of lung is the most susceptible to injury?

- A) costal part
- B) apex of the lung
- C) mediastinal part
- D) base of lung

Ans: B

19) all of the following are false except :

- A) azygos vein enters thoracic cavity through aortic opening at T10
- B) internal thoracic vein lay lateral to internal thoracic artery
- C) the apex of the lung are one inc above middle of the median third of clavicle
- D) 3rd posterior intercostal vein ends in arch of azygos
- E) hemiazygos will cross midline at T4

Ans: D ★★ (كل سؤال عنده نجمة معناته الإجابة مش أكيد)

20) all of the following arteries are related to trachea except :

- A) inferior thyroid
- B) subclavian
- C) brachiocephalic
- D) common carotid
- E) superior laryngeal

Ans:

21) the angle of louis are layed at :

- A) opposite T4
- B) Opposite T3
- C) between T3/T4
- D) Between T4/T5
- E) between T5/T6

Ans:D

22) the host(s) which will be found in diagnosis of paragonimus in sputum :

- A) adult
- B) egg
- C) adult & egg

Ans:c

23) the two most common sites of hydatid cyst :

- A) liver & kidney
- B) liver & lung
- C) lung & kidney

Ans:B

25) which are false about histoplasma capsulatum :

- A) infection come from inhalation of droplets excreted by birds
- B) has skin test by histoplasmin
- C) lymphiod.....etc
- D) cause erythema nodosum in lower limb
- E) it is not communicable

Ans:

26) the organism whic replicate in the form of reticular bodies :

- A) legionella
- B) chlamydia
- C)Aspergillus
- D)histoplasma

Ans:B

27) Aspiration in the midaxillary region will perforate all the following except:

- A) Skin
- B) Pleura
- C) Internal intercostals
- D) External intercostals
- E) Subcostalis

Ans: E

28) Erythema nodosum is caused by ?

- A) Histoplasma capsulatum
- B) Chlamydia
- C) Paragonimus

Ans: A

30) Which bacterium is most commonly associated with the production of a greenish pigment when cultured?

- A) Escherichia coli
- B) Staphylococcus aureus
- C) Pseudomonas aeruginosa
- D) Bacillus subtilis

Ans: C

31) At what concentration of deoxygenated hemoglobin in the blood does cyanosis typically become clinically apparent? (cyanosis threshold)?

- A) 2 g/dL
- B) 3 g/dL
- C) 4 g/dL
- D) 5 g/dL

Ans: D

33) N

- A) 7
- B) 8
- C) 9
- D) 10

Ans: A

34) The infectious dose of Tb:

- A) 1 bacterium
- B) 10 bacteria
- C) 100 bacteria
- D) 1000 bacteria

Ans: B

35) The thyroid cartilage of the larynx is derived from which embryonic structure?

- A) Neural crest cells
- B) Ectoderm
- C) Endoderm
- D) Branchial (pharyngeal) mesoderm

Ans: D

36) Patient with sudden onset of cough, fever, generalized aches, shortness of breath and homogenous opacity in right lower x-ray, best diagnosis:

- A) asthma
- B) sinusitis
- C) pneumonia
- D) lung cancer
- E) heart failure

Ans: C

37) Lady with yellow discharge, headache, high fever

Best drug:

- A) vancomycin
- B) erythromycin
- C) amoxicillin
- D) cephalexin
- E) clarithromycin

Ans: C

38) Patient with daily shortness of breath, loss of 40% of (pulmonary function test%) . has been diagnosed with acute asthma attack with moderate severity, best corticosteroid in this emergency):

- A) IV Methylprednisolone
- B) Prednisolone
- C) Budesonide
- D) Fluticasone
- E) Beclomethasone

Ans: A★★

39) Paragonimus westermani diagnostic stage:

- A) egg
- B) egg and adult
- C) metacercaria

Ans: B

40) Which of the following microscopic appearances best describes *Mycoplasma pneumoniae*?

- A) Gram-positive cocci
- B) Acid-fast bacilli
- C) Fried egg-shaped colonies

Ans:c

41) One is the most common cause of pharyngitis?

- A) *Streptococcus pyogenes* (*S. pyogenes*)
- B) *Haemophilus influenzae*
- C) *Staphylococcus aureus*
- D) *Moraxella catarrhalis*

Ans:A

43) Difference between normally inhale and forced inhale with maximum capacity?

- A) inspiration reserve volume
- B) vital capacity
- C) Tidal volume

Ans: A★★

44) Not related to Methadone:

- A) long duration
- B) severe cough in lung cancer
- C) replacements of morphine addiction
- D) not used in children

Ans:c

45) Reactivation of TB except ?

- A) ageing
- B) diabetes
- C) co infection HIV
- D) multi drug resistance
- E) malnutrition

Ans: D

46) Volume of the air that the lung can accommodate after maximum respiratory effort:

- A) volume capacity
- B) total lung capacity
- C) tidal volume

Ans:B

47) ... helps ... ?

... cellular walls

Ans:A

48) Hemoptysis causes except:

- A) Acute bronchitis
- B) bronchiectasis
- C) bronchogenic carcinoma
- D) pleurisy

Ans:D

49) Structure of heme in myoglobin and hemoglobin:

- A) heme has similar structure in myoglobin and hemoglobin
- B) heme is a complex of porphyrin and ferric iron(Fe^{+3})
- C) porphyrins are a group of organic compound that have four pyrrole subunits interconnected via alpha-methylene bridges ($=CH-$)
- D) A pyrrole ring is a group of four carbon atoms and a nitrogen atom bounded together in a ring

Ans:B

50) mechanism of action of LT receptor antagonist:

- A) chemical antagonism
- B) pharmacological antagonism
- C) non competitive
- D) partial
- E) physiological

★★

51) Which of the following drugs is commonly used to treat acute bronchitis?

- A) amoxicillin
- B) ibuprofen
- C) albuterol
- D) acetaminophen

Ans:c★★

52) ... pt:

... in

...

...

... meats, dai

E) ascorbic acid generate the oxidis

Ans:E

53) Which statement is not related to Dextromethorphan?

- A) Does not cause respiratory depression
- B) Available in over-the-counter (OTC) preparations
- C) Has antitussive effects
- D) Has analgesic effects
- E) Is not used for the treatment of cough due to asthma

54) co-triamoxazole used in ?

- A) otitis media
- B) sinusitis
- C) pharyngitis
- D) acute bronchitis

Ans:

55) What causes shift mutation in his genome? مكرر ارشيف

- A) Influnza A
- B) Paramyxovirus
- C) Adenovirus
- D) Rhinovirus

Ans:A

56) true about infant who born after 29 - 32 week :

has 15 - 40 % tendency to RDS

57) patient with non necrotizing fibrosis , peribronchiolar accentuation and by BAL specimen CD4 and CD8 are found:

- A) sarcoidosis
- B) hypersensitivity pneumonia

Ans:B

58) [Redacted] :
[Redacted]

- A) [Redacted] eosinophils
- B) Nitric oxide, eosinophils

Ans:B

59) [Redacted]

60) the true are :

- A) dorsal respiratory groups are for normal inspiration , but ventral respiratory for forced expiration.
- B) dorsal respiratory groups has expiratory neurons , but ventral respiratory groups has inspiratory.
- C) ventral respiratory groups has expiratory neurons only , but dorsal has inspiratory only.

Ans:A

61) histotoxic include :

- A) high O₂ level in the blood
- B) low O₂ level in the blood

Ans:A★★

62) Patient with TB , after treatment it notice dark coloration in urine (red / orange) , and new neuropathy symptoms . Which would be likely true :

- A) the red coloration caused by isoniazid , but the deficiency in vitB6 caused by rifampin
- B) the red coloration caused by isoniazid , but the deficiency in vitB6 caused by rifampin .
- C) the red coloration caused by rifampin, but the deficiency in vitB6 leading to neuropathy by isoniazid

Ans:c

64) Pattern of normal , depth breathing:

- A)ventral respiratory group
- B)pnemotaxic
- C)apnustic
- D)midbrain centre

★★

65) ... itude?

- A) ...
- B) ...
- C) ...
- D) ...
- E) ... leading oxygen

66) Which statement regarding diphtheria vaccination is correct?

- A) Booster doses every 10 years are recommended for adults.
- B) Administering the vaccine to adults is not recommended due to the risk of encephalopathy.
- C) Diphtheria vaccine should only be given to children under the age of 5.
- D) Diphtheria vaccination provides lifelong immunity after a single dose.

Ans:A

67) Which artery supplies the parietal pleura?

- A) parasternal artery
- B) Intercostal arteries
- C) Subclavian artery
- D) Bronchial arteries

Ans:B

68)A 75-year old man who had worked in a shipyard dies of a chronic lung disease. Autopsy reveals extensive pulmonary fibrosis, and iron stains of lung tissue show numerous ferruginous body. The dome of the diaphragm shows the presence of pleural plaques. What is the most appropriate diagnosis?

- A)Anthracosis
- B)Sarcoidosis
- C)Tuberculosis
- D)Asbestosis
- E)Silicosis

Ans:D

70) A 6-years-old girl experiencing frequent allergic reactions, Which medication is recommended to inhibit the release of mediators that cause this?

- A) Theophylline
- B) Sodium Cromoglycate
- C) Loratadine
- D) Prednisone

Ans:B

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