

Examrace

Competitive Exams: Medical Science MCQs (Practice_Test 129 of 135)

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1. Meningococcal meningitis may be associated with

- a. acute respiratory infection
- b. petechial rashes on skin and mucosa
- c. Waterhouse-Friderichsen syndrome
- d. polymorphonuclear leucocytosis in

CSF

Select the correct answer using the codes given below:

- a. 1 and 4
- b. 1 and 2
- c. 1,2 and 3
- d. 2,3 and 4

2. Consider the following statements regarding the diagnostic significance of testing the HBe antigen:

- a. HBeAg positive test suggests that the patient is potentially infectious
- b. Negative HBeAg test at onset of an acute hepatitis B suggests good prognosis
- c. Most HBeAg-positive HBsAg carriers have more than 10²⁵ HBV genomes per ml serum.
- d. HBeAg test is the best indicator of viraemia

Which of these statements are correct?

- a. 1 and 4
- b. 1 and 2
- c. 1,2 and 3
- d. 2,3 and 4

3. Match List I with List II and select the correct answer:

| List-I (Species of Malarial parasite) | List-II (Appearance of Red blood cells) |
|---------------------------------------|-----------------------------------------|
| A. Plasmodium vivax | 1. RBC shape altered |
| B. Plasmodium falciparum | 2. RBC size increased |
| C. Plasmodium malariae | 3. Maurers clefts in RBC |
| D. Plasmodium ovale | 4. Band like trophozoite in RBC |

A B C D

a. 3 2 4 1

b. 2 3 4 1

c. 2 3 1 4

d. 3 2 1 4

4. Consider the following features:

- Oedema
- Scaly cracking of the skin
- Inadequate productions of lipoprotein
- Low total body sodium

Kwashiorkar would include

- 1,2 and 3
- 2,3 and 4
- 1,3 and 4
- 1,2, and 4

5. A primary hypothyroid patient presents in summer month with features of neurological obturation and behaviour abnormality. The most appropriate investigation would be

- Thyroxine
- Glucose
- Creatinine

d. Sodium

6. Cerebral oedema in a comatosed patient following carbon monoxide poisoning can be effectively reduced by
- Oral glycerol
 - Corticosteroids
 - Hypothermia
 - Hyperbaric oxygen
7. A 26 year old male develops severe, acute, watery diarrhea of 48 hours duration. He is brought to the casualty in a stuporous state. On examination, he was found to have a fast thready pulse with a systolic BP of 60 mm, Hg. The diastolic was not recordable. He develops sudden cardiac rhythm disturbance which settles after a few seconds. The most likely cause of cardiac rhythm disturbance is
- Hyponatremia
 - Hypocalcemia
 - Hyperkalemia
 - Hypomagnesemia
8. Which of the following statements are true of aortic stenosis?
- Effective aortic orifice less than 0.7 cm² per square meter of body surface area suggests critical obstruction.
 - Large a wave in left atrial pressure pulse indicates severe stenosis.
 - association of mitral valve disease favours rheumatic etiology.
 - Sudden death is unusual.
- Of these statements
- 1,2 and 3 are correct
 - 2,3 and 4 are correct
 - 1,3 and 4 are correct
 - 1,2 and 4 are correct
9. Diagnostic features of Bronchopulmonary aspergillosis may include
- peripheral blood eosinophilia
 - elevated IgE levels
 - central bronchiectasis

d. history of brownish plug in the sputum

Select the correct answer using the codes given below:

a. 1,2, 3 and 4

b. 1,3 and 4

c. 2 and 3

d. 1,2 and 4

10. Consider the following statements regarding pneumonia:

a. The roentgenographic feature of nonsegmental consolidation with air bronchogram is a feature of Pneumococcal pneumonia.

b. In Pneumococcal pneumonia, sputum on gram staining may show grampositive lancet shaped diplococci.

c. Pneumocystis carinii pneumonia is common in AIDS patients.

d. There may be hypoxemia, hypocarbia and respiratory alkalosis.

Which of these statements are correct >

a. 1,2, 3, and 4

b. 2,3 and 4

c. 1,2 and 3

d. 1 and 4

11. Lung abscess is a likely complication of

a. Mycoplasma pneumoniae infection

b. Haemophilus influenzae pneumonia

c. Legionnaires, pneumophila pneumonia

d. Klebsiella pneumonia

12. Hepatic encephalopathy in a case of portal cirrhosis can be precipitated by all the following condition except

a. Gastrointestinal bleed

b. Severe vomiting

c. Metabolic acidosis

d. Acute infection

13. Consider the following statements regarding duodenal ulcer:

- a. In more than 95 per cent of the cases ulcer occurs in the first portion of duodenum.
- b. It occurs more frequently in patients with renal dialysis.
- c. Both basal and maximal acid output may be high in nearly all these patients
- d. Perforation is associated more with blood group O and male sex.

Which of these statements are correct?

- a. 1,2 and 3
 - b. 2,3 and 4
 - c. 1,2 and 4
 - d. 1,3 and 4
14. Gastric erosions are common with all of the following except
- a. Salicylates
 - b. Indomethacin
 - c. Corticosteroids
 - d. Paracetamol
15. Consider the following statements: In chronic renal failure due to pyelonephritis, the low and fixed specific gravity (1010) of urine occurs because of
- a. the inability of renal tubule to concentrate
 - b. the glomerular ultra filtrate having a specific gravity of 1010
 - c. polyuria and polydypsia
 - d. hyperperfusion of the functioning nephrons

Which of the above statements are correct:

- a. 1,3 and 4
- b. 2,3 and 4
- c. 1 and 2
- d. 1 and 3