

Examrace

Competitive Exams: Medical Science MCQs (Practice_Test 87 of 135)

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1. Which one of the following primary dietary lipid components does not require the assistance of a micelle for absorption by the intestinal mucosa?
 - a. Free cholesterol
 - b. Short and medium chain length fatty acids
 - c. 2, monoacyl glycerol
 - d. Long chain length fatty acids
2. Consider the following statements regarding meningococcal disease:
 - a. Fulminant meningococemia carries a mortality of 40-60%
 - b. chronic meningococemia is associated with arthritis in two-third of cases.
 - c. One has to wait for the CSF report before starting the therapy in a patient with meningitis.
 - d. Three-fourth of patients have petechial cutaneous

Which of the statements given above are correct?

- a. 1 and 4 only
 - b. 1 and 3
 - c. 1, 2 and 4
 - d. 3 and 4
3. Which one of the following is not included as a criterion (American College of Rheumatology) for the diagnosis of rheumatoid arthritis?
 - a. Morning stiffness lasting more than one hour
 - b. Symmetric arthritis
 - c. Arthritis of hand joints
 - d. Positive HLA-DR4 type
 4. Regarding lepromatous leprosy, which one of the following statements is not correct?

- a. Skin lesions are usually widespread.
 - b. Lepromatous bacilli are detected from skin lesion.
 - c. Dapsone is a drug of choice in its treatment.
 - d. Hypaesthesia from neuropathy is an early sign.
5. Regarding diabetes mellitus, consider the following statements:
- a. Hyperosmolar non-ketotic coma is seen frequently in insulin dependant diabetes.
 - b. In diabetic ketoacidosis, serum potassium may be elevated despite a total-body potassium deficit.
 - c. Pseudo-hyponatraemia may be a feature in diabetic ketoacidosis.
 - d. Kidney biopsy may show nodular glomerulosclerosis.

Which of the statements given above are correct?

- a. 1 and 2
 - b. 2, 3 and 4
 - c. 1, 3 and 4
 - d. 3 and 4 only
6. Regarding chronic pyelonephritis, which one of the statemtns is not correct?
- a. Vesico-ureteric reflux is present from an early age.
 - b. Most cases have underlying structural abnormality.
 - c. Recurrent UTI is responsible for pyelonephritis.
 - d. Renal parenchymal damage may occur as a result of immunological reaction to bacterial antigens.
7. Regarding Helicobacter pylori, which one of the following statements is not correct?
- a. Gastric colonization with H. Pylori has been reported in 9095% of patients with duodenal ulcer.
 - b. H. Pylori resides in the mucus get coating the epithelial cells of the stomach.
 - c. H. Pylori resides exclusively in the normal duodenal mucosa.
 - d. Clarithromycin is a useful drug in H. Phlori eradication.
8. The features with a high mortality in a patient with pneumonia are the following except:
- a. A positive blood culture

- b. A coexisting malignancy
 - c. Hypoxaemia, PAO₂ < 60 mm Hg
 - d. Blood urea nitrogen > 30 mg/dl
9. The following predispose to the development of niacin deficiency state except:
- a. Corn based diet
 - b. Zollinger-Ellison syndrome
 - c. Carcinoid syndrome
 - d. Hartnups disease
10. Consider the following symptoms:
- a. Fever
 - b. Dyspnoea
 - c. Conjunctivitis
 - d. Oedema of face

Which of the above symptoms are produced by migrating larvae of *Ascaris* in an infected individual?

- a. 1 and 2 only
 - b. 1, 2 and 3
 - c. 2 and 3 only
 - d. 3 and 4
11. Consider the following findings:
- a. Lymphocytic pleocytosis
 - b. Normal glucose level
 - c. Normal or mildly elevated protein level
 - d. Polymerase Chain Reaction positivity against enterovirus

Which of the above is/are related to CSF findings in a patient with poliomyelitis?

- a. 1 only
- b. 2 and 3, only
- c. 1 and 3, only

d. 1, 2, 3 and 4

12. Regarding coronary artery disease, which one of the following statements is not correct?
- In unstable angina, pain usually occurs at rest.
 - Prinzmetal angina characteristically has chest pain at rest and may awaken the patient from sleep.
 - Exercise test is considered positive if there is S-T segment elevation 1 mm or more lasting longer than 0.08 second.
 - In patients with three vessel disease, the annual expected mortality is more than 20 per cent.
13. J receptors are located in:
- Veins
 - Juxta-pulmonary capillary
 - Carotid body
 - Aortic body
14. Regarding the management of acute rheumatic fever, which of the following statements is correct?
- Give antibiotics for the treatment of active Group A streptococcal infection.
 - Give antibiotics for prophylaxis against Group A streptococci.
 - Give both those mentioned above at a and b
 - Antibiotics have no role.
15. Consider the following statements: Cerebellum modulates movements by
- preventing overshoot and damping movement.
 - inhibiting medullary motor area to maintain body posture.
 - planning the sequential movements.
 - providing the sequential movement.

Which of the statements given above is/are correct?

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

d. 1, 2, 3 and 4

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