

Examrace

Competitive Exams: Medical Science MCQs (Practice_Test 41 of 135)

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1. Hydrophilic centre of the bile salt-lipid micelles contain
 - a. bile salts, triglycerides and mucin
 - b. lipase, co-lipase, and a amylase
 - c. fatty acids, monoglycerides and cholesterol
 - d. Na +, F + and CHO₃
2. 72% of the fat is absorbed as
 - a. a-monoglycerides
 - b. β-Monoglycerides
 - c. ? -monoglycerides
 - d. Fatty acid and glycerol
3. Consider the following statement: The pre-ovulatory LH surge is due to
 - a. Positive feedback effect of oestrogen on pituitary
 - b. negative feedback effect of oestrogen
 - c. increase in GnRH
 - d. a small rise in progesterone level just prior to ovulation

Which of the statemtns are correct?

- a. 1, 2 and 3
 - b. 1 and 2
 - c. 1 and 4
 - d. 2, 3 and 4
4. What is the direction in which transcription of RNA occurs?
 - a. 3 '-5' end
 - b. 5 '-3' end

c. 3 '-5' end in the presence of excess ATP

d. 5 '-3' end in the presence of excess

GTP

5. Which one of the following is the cause of hereditary nonpolyposis colon cancer?
- a. Mutation on chromosome 4
 - b. Defective repair of DNA mismatch
 - c. Base excision repair
 - d. Nucleotide excision repair
6. Conversion pepsinogen to pepsin is a post translational modification by
- a. phosphorylation
 - b. hydroxylation
 - c. glycosylation
 - d. proteolytic degradation
7. Inflammation is a dynamic pathological process consisting of a series of interdependent changes, a reaction, which destroys the injurious agent and limits the spread. The attempt is earnest, a salutary operation according to
- a. Celsus
 - b. Menkin
 - c. John Hunter
 - d. Metcahnikoff
8. In leucocyte adhesion deficiency Type I, the defect is in the synthesis of
- a. a-interferons
 - b. 2 β -integrins
 - c. ? -interferons
 - d. leucotrieneas
9. All the following are related to arachidonic acid metabolism Except:
- a. Prostacyclin
 - b. Linoleic acid
 - c. Thromboxane

- d. Cationic proteins
- 10. Classical demonstrable fibrinous inflammation is seen in which one of the following stages of lobar pneumonia?
 - a. Hyperemia
 - b. Red hepatization
 - c. Grey hepatization
 - d. Resolution
- 11. Consider the following statements: A characteristic neutrophilic abscess surrounded by macrophages is seen in
 - a. tuberculosis
 - b. cat scratch disease
 - c. lymphogranuloma venereum

Which of these statements are correct?

- a. 1, 2 and 3
 - b. 1 and 2
 - c. 2 and 3
 - d. 1 and 3
12. Match List I (Carcinogens) List II (Malignant disorders) and select the correct answer:

List-I	List-II
A. Azo dyes	1. Gastric carcinoma
B. Nitrosamines	2. Urinary bladder cancer
C. Thorotrast	3. Mestothelaiom
D. Asbestos	4. Cholangio carcinoma

A B C D

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

13. Consider the following cellular responses:

- a. Specifically sensitized cytotoxic T lymphocytes
- b. Natural killer cells
- c. Humoral antibodies in the blood
- d. macrophage mediated cytotoxicity by antibody dependent cellular cytotoxicity

Which of these cellular responses destroy the tumour cells and induce tumour immunity in humans?

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

14. The karyotype in Burkitt's lymphoma is

- a. T (3: 8)
- b. T (6: 14)
- c. T (11: 2)
- d. T (8: 14)

15. Consider the following systemic manifestations:

- a. Pancoast syndrome
- b. Clubbing of fingers
- c. Cushing syndrome
- d. Thyrotoxicosis

Manifestations that are likely to be associated with bronchogenic carcinomas would include

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

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