

Examrace

Competitive Exams: Medical Science MCQs (Practice_Test 47 of 135)

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1. Consider the following pollutants:

- a. Sulphur dioxide
- b. Formaldehyde
- c. Nitrogen dioxide
- d. carbon monoxide

Major pollutants of outdoor air include

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

2. Which one of the following epidemiological methods is used to assess the poliomyelitis problem in a community?

- a. Epidemiological surveys
- b. Lameness surveys
- c. Sentinel surveys
- d. Serological surveys

3. Which one of the following is the main cause of diarrhea in a case of cholera?

- a. Destruction of intestinal mucosa by invading cholera vibrio
- b. Increased peristalsis by enterotoxins
- c. Increased intake of fluids due to intense thirst
- d. Increased exudation of fluid into intestinal lumen

4. When one of the following statements about Natural Killer (NK) cells is NOT correct?

- a. NK cells can lyse tumour cells and virus infected cells in vitro, without previous sensitization
 - b. NK cells are found in peripheral blood and lymphoid tissue
 - c. NK cells are CD 3 positive
 - d. NK cells lyse the target cells by antibody dependent cellular cytotoxicity
5. ◦ **Assertion (A):** Carcinoma of lung is most likely to metastasize to the right supraclavicular lymph node.
- **Reason (R):** Lymphatic drainage from both lung is, directed to the right supraclavicular node.
- a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but R is NOT the correct explanation of A
 - c. A is true but R is false
 - d. A is false but R is true
6. ◦ **Assertion (A):** Consumption of alcohol causes aggravation of gout.
- **Reason (R):** Alcohol increases the formation of lactic acid.
- a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but R is NOT the correct explanation of A
 - c. A is true but R is false
 - d. A is false but R is true
7. ◦ **Assertion (A):** Man does not suffer any from Pellagra if the regularly consumes high quality protein. 12 of 1.
- **Reason (R):** High quality protein contains niacin.
- a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but R is NOT the correct explanation of A
 - c. A is true but R is false
 - d. A is false but R is true
8. ◦ **Assertion (A):** Incompletely descended testis is also known as ectopic testis.
- **Reason (R):** Imperfect development is a significant factor in incomplete descent of the organ.
- a. Both A and R are true and R is the correct explanation of A

- b. Both A and R are true but R is NOT the correct explanation of A
 - c. A is true but R is false
 - d. A is false but R is true
9. ◦ **Assertion (A):** Patients with isolated IgA deficiency show a higher incidence of respiratory infections.
- **Reason (R):** IgA protects from microbial invasion of the respiratory mucosa.
 - a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but R is NOT the correct explanation of A
 - c. A is true but R is false
 - d. A is false but R is true
10. ◦ **Assertion (A):** Pulmonary arterial hypertension occurs in status asthmaticus.
- **Reason (R):** Arterial hypoxemia in these patients leads to left ventricular failure.
 - a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but R is NOT the correct explanation of A
 - c. A is true but R is false
 - d. A is false but R is true
11. ◦ **Assertion (A):** Spider angiomas in patients with cirrhosis of liver are usually present above umbilicus.
- **Reason (R):** Upper part of body is exposed to certain elements which are toxic in the presence of an internal stimulus.
 - a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but R is NOT the correct explanation of A
 - c. A is true but R is false
 - d. A is false but R is true
12. ◦ **Assertion (A):** Carcinoma of the left side of the colon presents more frequently with intestinal obstruction.
- **Reason (R):** Neoplasms of colon on the left side are of stenosing variety, the fecal content is relatively solid and the lumen of the bowel comparatively narrow.
 - a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but R is NOT the correct explanation of A

- c. A is true but R is false
 - d. A is false but R is true
13. ◦ **Assertion (A):** Downstaging of cervical cancer is contemplated in areas where cytological screening is not possible for years.
- **Reason (R):** It prevents the spread of cancer.
- a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but R is NOT the correct explanation of A
 - c. A is true but R is false
 - d. A is false but R is true
14. ◦ **Assertion (A):** Accidents represent major epidemic of non communicable diseases of present times.
- **Reason (R):** The fatality rate in road accidents in India is higher than in developed countries.
- a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but R is NOT the correct explanation of A
 - c. A is true but R is false
 - d. A is false but R is true

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