

## Examrace

### Competitive Exams: Medical Science MCQs (Practice\_Test 58 of 135)

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1. The correct sequence of polity changes made in the National Programme for Leprosy is
  - a. Control programme, Elimination programme, Eradication programme
  - b. Control programme, Eradication programme, Elimination programme
  - c. Elimination programme, Eradication programme, control programme
  - d. Elimination programme, Control programme, Eradication programme
2. Which one of the following sequences depicts the appearance of antigens and antibodies in Hepatitis B infection?
  - a. HBe Ag, anti HBs, anti HBe, HBs Ag
  - b. HBs Ag, HBe Ag, anti HBs, anti HBe
  - c. HBs Ag, HBe Ag, anti HBe, anti HBs
  - d. HBe Ag, anti HBe, HBs Ag, anti HBs
3. The objective of national Population Policy 2000 is to bring down the total fertility rate to
  - a. 1.5 by the year 2010
  - b. 2.1 by the year 2010
  - c. 2.6 by the year 2006
  - d. 2.9 by the year 2010
4. Risk factor intervention study for cardiovascular disease can be best undertaken by
  - a. Hospital based retrospective study with intervention therapy therapies
  - b. Hospital based prospective study with intervention therapy/therapies
  - c. Community based retrospective study with intervention package
  - d. Community based prospective study with intervention package
5. With reference to the calculation of Perinatal Mortality Rate, consider the following:
  - a. Early neonatal deaths

- b. late foetal deaths
- c. Post neonatal deaths
- d. Early foetal deaths

Which of these are included in the calculation of Perinatal Mortality Rate?

- a. 1 and 2
  - b. 2 and 4
  - c. 1 and 3
  - d. 3 and 4
6. The presence of which one of the following chemicals indicates the recent contamination of water?
- a. Nitrate
  - b. Nitrite
  - c. Chloride
  - d. Ammonia
7. The presence of which of the following coliform organisms is used as an indicator of microbiological quality of drinking water?
- a. All aerobic gram negative bacteria
  - b. All aerobic gram negative and spore forming bacteria
  - c. All facultative anaerobic gram negative bacteria
  - d. All aerobic and facultative anaerobic gram negative rods
8. Adequacy of surveillance for Acute Flaccid paralysis (AFP) in an area is monitored by reporting of at least
- a. one case of AFP due to non-polio per 1000 population
  - b. one case of AFP due to non-polio per 1000 children under five years
  - c. one case of AFP due to non-polio per 1,00, 000 children under 15 years
  - d. two cases of AFP due to non-polio per 1000 children under five years
9. With reference to Revised National Tuberculosis control programme (RNTCP) , consider the following:
- a. Active survey for Tuberculosis cases
  - b. Diagnosis by quality sputum microscopy
  - c. Detection of 70 % of estimated cases

d. 85 % cure rate among detected cases

Which of these statements are correct about RNTCP?

a. 1,2 and 3

b. 2,3 and 4

c. 1,3 and 4

d. 1,2 and 4

10. Among the following cooking oils, which one has the higher amount of linolenic acid (grams percent) ?

a. Mustard oil

b. Groundnut oil

c. Coconut oil

d. Cottonseed oil

11. ◦ **Assertion (A)** : Stratum germinativum of skin forms a single layer of cells at the dermoepidermal junction. They take up basophilic stain.

◦ **Reason (R)** : Melanin pigments in basal layer render colour to skin, help produce vitamin D and impart protection to the body from ultraviolet light.

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)** : Persistent lateral splanchnic arteries for the kidney cause pressure on the ureter and may cause hydronephrosis.

◦ **Reason (R)** : Accessory renal arteries enter the kidney through poles and not through hilum.

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)** : Posterior cricoarytenoideus brings about abduction of vocal cords.

◦ **Reason (R)** : Cricothyroid is a tensor of the vocal cords without abducting the vocal cords.

- 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)** : Rapoport Lubering Cycle facilitates release of oxygen from oxyhaemoglobin to tissues in hypoxia.
- **Reason (R)** : 2 – 3, biphosphoglycerate enhances the dissociation of oxyhaemoglobin.
  - 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
15. ◦ **Assertion (A)** : Short chain fatty acids are emulsified with bile salts before they are absorbed.
- **Reason (R)** : Water soluble products of digestion of fat are freely absorbed from the intestinal lumen.
  - 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