

Question Paper

Exam Date & Time: 22-May-2023 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

Social Pharmacy [PPR-ER20-15T-S1]

Marks: 80

Duration: 180 mins.

MCQs

Answer all the questions.

Section Duration: 30 mins

20 Q x 1 mark = 20 marks

1) Which of the following microorganisms causes Filariasis. (1)

[Plasmodium vivax](#)

[Wuchereria](#)

[Bancrofti](#)

[Anopheles mosquito](#)

[Plasmodium oval](#)

2) WHO definition of 'Health' is a state of (1)

[Physical, intellectual, emotional, and social well-being](#)

[Physical, mental, emotional, and social well-being](#)

[Physical, mental, and social well-being](#)

[None of the above](#)

3) Number of sustainable development goals are _____. (1)

[21](#)

[17](#)

[8](#)

[15](#)

4) Chlorine in water is used for _____. (1)

[Disinfection](#)

[removal of hardness](#)

[turbidity control](#)

[sedimentation](#)

5) Energy from carbohydrates is converted into a substance called _____. (1)

[Glycogen](#)

[Proteins](#)

[Fats](#)

[All of the above](#)

6) Varicella-zoster virus causes the following infection. (1)

[Chickenpox](#)

- [Mumps](#)
- [Measles](#)
- [Polio](#)

7) Cholera is caused due to _____ . (1)

- [Salmonella typhi](#)
- [Mycobacterium tuberculosis](#)
- [Vibrio cholerae](#)
- [E.coli](#)

8) Which organization implements the Malaria Elimination Program in India. (1)

- [Ministry of Health and Family Welfare](#)
- [National Vector Borne Disease Control Programme](#)
- [Indian Council of Medical Research](#)
- [All of the above](#)

9) Which of the following is a gram-negative bacteria. (1)

- [Streptococci](#)
- [pseudomonas](#)
- [E. coli](#)
- [Mycobacteria](#)

10) Most bacteria undergo cell division primarily by _____ process. (1)

- [Binary fission](#)
- [Multiple fission](#)
- [Sporulation](#)
- [Strobilation](#)

11) Which of the following is NOT a common adulterant in edible oil. (1)

- [Mineral oil](#)
- [Castor oil](#)
- [Argemone oil](#)
- [Water](#)

12) The following are signs and symptoms manifested by a patient in the febrile phase of Dengue fever, EXCEPT: (1)

- [High fever](#)
- [Rash](#)
- [Petechiae](#)
- [Severe GI](#)

13) Which term can be used for the Meningococcal infection attack rate above 15 cases per 100,000 people for 2 consecutive weeks? (1)

- [Epidemic](#)
- [Pandemic](#)
- [Syndemic](#)
- [Endemic](#)

14) The NMHP Program is developed for which disease. (1)

- [Leprosy](#)
- [Mental health](#)
- [Tuberculosis](#)

Blindness

15) Which of the following vitamin deficiency causes Beriberi. (1)

Vitamin B1

Vitamin B2

Vitamin B6

Vitamin

B12

16) Sewage contains% of water and 0.1 percent of (1)

89.9%. organic matter

99.1%. solid matter

99.9%. organic matter

99.9%. solid matter

17) The sexual cycle of Plasmodium is completed in. (1)

Gut of mosquito

RBC

Liver tissue

Salivary gland of the mosquito

18) Which of the following are methods for contraception? (1)

Vaginal ring

Sterilization

Diaphragm

All of the above

19) The drug of choice to prevent relapse in malaria is..... (1)

Artesunate

Primaquine

Diethylcarbamazine

Quinine

20) Which birth control methods help prevent sexually transmitted diseases. (1)

Intrauterine device

Mala D

Condom

Vasectomy

Long Answers

Answer all the questions.

6 Q x 5 marks = 30 marks

- 1) Write the classification of macro and micronutrients and explain any one in detail. (5)
- 2) Explain different levels of the public health care system in India. (5)
- 3) Discuss occupational diseases and their precautions. (5)
- 4) Define psychoactive substances. Mention the major categories of psychoactive substances. What is the social impact of psychotropics. (5)
- 5) What are nutraceuticals. Mention their indications and benefits. (5)
- 6) Mention the causative agent, clinical presentation, and prevention of tuberculosis. (5)

Short Answers

Answer all the questions.

10 Q x 3 mark = 30 marks

- 1) Discuss the various dimensions of health. (3)
- 2) What are the key Millennium Development Goals. (3)
- 3) What is air pollution. Enlist the causes and methods to control air pollution. (3)
- 4) Mention the differences between innate and acquired immunity. (3)
- 5) Define water. Explain the functions of water. (3)
- 6) Write a note on whooping cough. (3)
- 7) Explain the process of worm infestation. (3)
- 8) Discuss the objectives and key components of the Family Welfare Programme in India. (3)
- 9) What are the advantages and disadvantages of treponemal and non-treponemal tests. (3)
- 10) Explain the importance of Pharmacoeconomics. (3)

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