



RAN-2206000103030104

Third MBBS (Part - I) Examination April - 2023

Community Medicine : Paper - II (New Course)

સૂચના : / Instructions

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

Third MBBS (Part - I)

Name of the Subject :

Community Medicine : Paper - II (New Course)

Subject Code No.: 2206000103030104

Seat No.:

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Student's Signature

SECTION - I (Total marks = 20)

Q. 1. Encircle correctly appropriate answer from following multiple choice questions (20 each of 1 mark)

20

1. Nuclear family is
 - A. Husband, wife, independent children
 - B. Husband, wife, dependent children
 - C. Husband, wife, son
 - D. None of above
2. Kuppaswamy's scale is based on the following variables except
 - A. Education
 - B. Occupation
 - C. Income
 - D. Housing
3. Consider the following:
 1. Night blindness
 2. Corneal xerosis
 3. Conjunctival xerosis
 4. Keratomalacia

What is the correct sequence of the above in the progress of clinical presentation of vitamin A deficiency blindness?

- A. 1-2-3-4
- B. 1-3-2-4
- C. 1-3-4-2
- D. 2-1-4-3

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4. Regarding the concentration of nutrients in the breast milk, the incorrect is:
- A. 3.5% fat
 - B. Lower protein content than that of cow's milk
 - C. 6.2 % lactose
 - D. High calcium supply by 100 ml as compared to cow's milk
5. Highest amount of iron is seen in which of following pulse
- A. Horse gram
 - B. Bengal gram
 - C. Black Gram
 - D. Soyabean
6. Which of the following is the nodal ministry for ICDS programme?
- A. Ministry for Human Resource Development
 - B. Ministry for Rural Development
 - C. Ministry for woman and child development
 - D. Ministry for Health and Family Welfare
7. UNICEF provides all Except:
- A. Child nutrition
 - B. Child health education
 - C. Immunization
 - D. Family planning
8. Dust particle, in a industry is a:
- A. Biological hazards
 - B. Chemical hazards
 - C. Physical hazards
 - D. Mechanical hazards
9. Which of the following exposure carries the maximum risk of transmission of HIV-
- A. Sexual intercourse
 - B. Blood transfusion
 - C. Transplacental
 - D. Needle prick
10. Lower cut-off of BMI for overweight as recommended for Asian populations is :
- A. >18.5
 - B. >20.5
 - C. >23
 - D. >24.9

11. A school child is diagnosed to have chicken pox. He should be isolated from other school children till:
- A. The scabs fall off
 - B. Two days after the scabs are formed
 - C. Three days after the fever develops
 - D. Five days after the development of pustules
12. An 80 kg 50 years old gentleman is found to have BP of 135/80 mm of Hg. The most important step included in primary prevention of hypertension in this patient is to:
- A. Advise lipid profile
 - B. Reduce weight
 - C. Ensure patient compliance
 - D. Take antihypertensive treatment
13. The commonest morbidity in schools is:
- A. Dental Ailments
 - B. Worm Infestations
 - C. Malnutrition
 - D. Skin Diseases
14. Most persuasive and effective media system for communication is:
- A. Inter-personal Communication
 - B. Mass Media Communication
 - C. Social Media Communication
 - D. Printed Media Communication
15. Which of the following statements refers to propaganda?
- A. Develops individuality
 - B. The process is behaviour centered
 - C. Makes people think for themselves
 - D. Appeals to emotion
16. Composition of ORS which of the following is correct:
- A. Na^+ 90 meq/L
 - B. HCO_3^- 10 meq/L
 - C. K^+ 20 meq/L
 - D. Cl^- 5 meq/L

17. Prevention of drug dependence is based following approach
- A. Community approach B. Educational approach
C. Legal approach D. All of the above
18. Currently given regimen for Bancroftian filariasis is
- A. DEC - 6 mg/kg/day X 12 days
B. DEC - 18 mg/kg/day X 24 days
C. DEC -12 mg/kg/day X 12 days
D. DEC-24 mg/kg/day X 24 days
19. A Female has presented with lower abdominal pain and vaginal discharge, which drug shall be given as per Syndromic approach?
- A. Cefixime, Metronidazole, clarithromycin
B. Cefadroxyl, Metronidazole, clarithromycin
C. Cefixime, Metronidazole, Doxycycline
D. Cefixime, Metronidazole, Azithromycin
20. Marriage between two heterozygous individuals for same disorder is prevented by
- A. Retrospective Genetic counseling
B. Legislation
C. Mass health education
D. Prospective Genetic counseling

SECTION - II (Total marks = 40)

- Q. 2. Write full question on following (Any 1 out of 2) 10**
- a) Describe epidemiological determinants, clinical profile, prevention and control of Dengue fever.
- b) Describe sources, routes of spread and preventive measures of hospital acquired infection.
- Q. 3. Write down short notes / your comments on the following statements (2 comments) (5 marks each) (Any 2 out of 3) 10**
- a) Motivation model of health education is essential for behaviour change. - Justify the sentence with appropriate comments.

- b) Food poisoning and cholera are clinically and epidemiologically different.
- Justify the sentence with appropriate comments.
- c) Post exposure prophylaxis after needle stick injury while treating suspected HIV affected individual.

Q. 4. Write in one or two line short questions (2 marks each) 20

- a) Enlist control measures for measles outbreak.
- b) Enlist causes of mental ill health.
- c) Enumerate factors associated with high risk of drug abuse.
- d) Enlist four preventive actions for genetic diseases.
- e) Explain the reason of observation of 7th April as world health day and mention the theme of world health day 2022.
- f) Enlist four benefits of demonstration as group approach for health communication.
- g) Mention four cardinal features of leprosy.
- h) Mention the schedule of routine and precaution dose for Covid vaccination.
- i) Mention four key indicators to evaluate malaria elimination under NVBDCP programme.
- j) Enlist four rights of patient while seeking healthcare.

SECTION - III (Total marks = 40)

Q. 5. Write full question on following (Any 1 out of 2) 10

- (a) Describe the population strategy for prevention of coronary heart disease.
- (b) Describe measurement, types, prevention and control of undernutrition.

Q. 6. Write down short notes / your compare & contrast on following (2 comments) (5 marks each) (Any 2 out of 3) 10

- a) Janani shishu suraksha yojna.
- b) Classify the minerals and describe Public health importance of fluorine and zinc.
- c) Principles of case management under IMNCI.

**Q. 7. Write Short notes on following (5 short notes of 4 marks each)
(Any 5 out of 6)**

20

- a) Write preventive and control measures for infant mortality in India.
- b) Briefly describe risk factors of breast cancer.
- c) Write preventive measures of radiation hazards in industry.
- d) Prophylactic dose and regime for Iron and Folic Acid supplementation under anemia mukt bharat programme. (INIPI)
- e) Write guidelines of choice of cooking oil to balance various fatty acids in diet.
- f) Mention measures of primary Preventive health care for elderly.