

Department of community Medicine & Family Medicine
Theory End Semester (4th) Examination

Date: 13th July 2019

Total Mark: 50

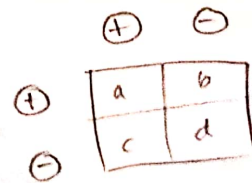
Total Time: 2 Hours

Answer all questions

Answer section-A & section-B in separate answer sheets.

Section: A (25 m)

1. Enlist contributors of air pollution in India. Describe how Air Quality Index is calculated and its interpretation. Enumerate and discuss strategies for prevention and control of air pollution in India (10 Marks= 2+3+5)
2. A developing country envisages to implement a universal screening program for prostate cancer. Enumerate and discuss the factors which should be considered before implementing such program. (5 marks)
3. Write short note on (5 marks each)
 - a. Triage in disaster situation
 - b. Food fortification



$$\frac{ad}{bc}$$

RISK :

Section: B (25m) E

1. Explain the natural history of disease and level of prevention? (10 Marks= 5+5)
2. There are 50 cases of Chronic Kidney Disease (CKD) in two villages of Angul districts of Odisha. These cases are suspected to be exposed to a pesticide. Which epidemiological study will be suitable for finding the association of pesticide and CKD? Elaborate the steps of the study. What are the advantages & disadvantages of this kind of study? (10 Marks= 2+4+4)

3. Write short note on Normal Distribution curve (5 marks)

Handwritten notes for Case-Control study and Odds Ratio:

Case - Control

Odds ratio: $\frac{E_{case}}{E_{control}}$

$\frac{ad}{bc}$

Odds ratio: $\frac{a}{a+c} \cdot \frac{a}{b+c}$

Case Control

Exposed: a b

$E_{case} = \frac{\text{cases exposed}}{\text{total cases}}$

Odds ratio: $\frac{a}{a+c}$ $\left(\frac{a}{a+c} \right)$

AIIMS Bhubaneswar
Department of Community Medicine & Family medicine
6th Mid Semester Examination (Theory)
MBBS Batch 2017

Date: 14.03.2020 (Saturday)

Time: 10-12Pm

Total Marks: 50

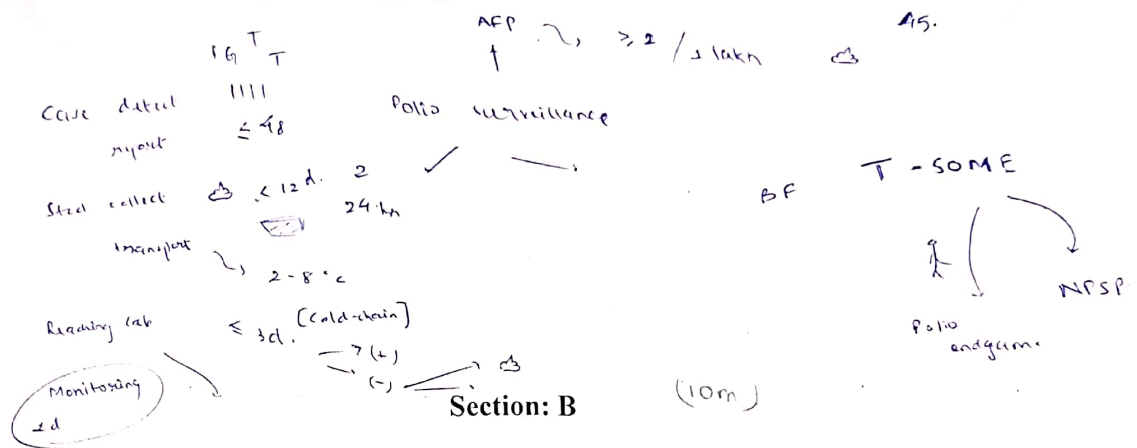
Section: A

1. What is IMNCI? Who are the target population for this programme? Describe the steps of the case management process under IMNCI. How will you manage a case of ARI? 2 (-3)
(1+1+3+5) 0+1/2 + 1/2+1/2
2. Write Short Notes on the following (3x5)
 - a. Social welfare schemes for the elderly in India.
 - b. Prevention of Mother-to child infection in HIV 0
20
 - c. Polio surveillance 40
60

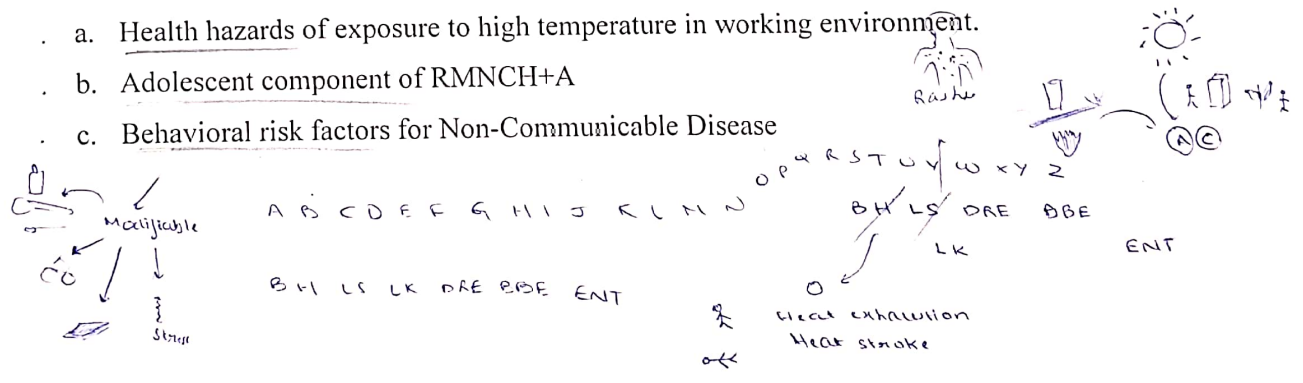
(NPOP)

NSHCE

PTO...



1. What are the objectives of National Mental Health Programme? Enumerate its different components. Describe the services under District Mental Health Programme. (2+3+5)
2. Write Short Notes on the following (3x5)
 - a. Health hazards of exposure to high temperature in working environment.
 - b. Adolescent component of RMNCH+A
 - c. Behavioral risk factors for Non-Communicable Disease





All India Institute of Medical Sciences, Bhubaneswar
3rd Professional MBBS Final Examination 2020 (Batch 2017)

Time: 3 Hours Community Medicine (Paper - I) Max. Marks: 100

Instructions: Answer all the questions. Draw neat labelled diagram wherever necessary. The subparts of a question must be answered together. Use separate answer sheets for Section 'A' & 'B'

Section A

1. Eight children from a village reported fever with skin rashes suggestive of chickenpox. How will you as medical officer of a primary health center investigate the scenario and suggest plan of management of the outbreak? (5+5)
2. Answer the following: (8x5=40)
 - a. What methods of intervention are being used in your hospital tertiary prevention?
 - b. Explain the different types of sampling techniques with examples
 - c. Which parameter will you calculate to find (5x1=5)
 - i. Burden of old and new cases in a population
 - ii. Strength of association in a cohort study
 - iii. Normal range of respiratory rate in a population
 - iv. How much disease you can prevent by withdrawing a particular risk factor
 - v. How good a test is in detecting true negatives?
 - d. Basic reproduction rate
 - e. Principles and essential components of primary health care
 - f. Write about various sources & uses of health information.
 - g. What are the various Food Standards used to ensure quality of food?
 - h. How the efficacy of contraceptives are assessed? What is Pearl Index?

Section B

3. A 1 ½ year old girl child in the area under your PHC has been brought to your OPD with complaint of diarrhoea since 2 days. How will you assess the child and classify? What are the different plans for management for such children with diarrhoea? (2+5+3)
4. Answer the following: (8x5=40)
 - a. Enumerate the functions of a male health worker in a sub-centre
 - b. Write about functions of UNICEF
 - c. Social determinants of health
 - d. Adverse effects of noise pollution and prevention of the same
 - e. Breakpoint chlorination
 - f. What are the common occupational health hazards of coal miners? How can it be prevented?
 - g. What are the activities of Health & Wellness Centre under Ayushman Bharat?
 - h. Describe the components of Sub Centre Action plan.

→ THE END

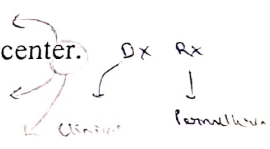


All India Institute of Medical Sciences, Bhubaneswar
3rd Professional MBBS Final Examination 2020 (Batch 2017)

Time: 3 Hours **Community Medicine (Paper - II)** **Max. Marks: 100**

Instructions: Answer all the questions. Draw neat labelled diagram wherever necessary. The subparts of a question must be answered together. Use separate answer sheets for Section 'A' & 'B'

Section A

1. Describe in detail about Vision 2020- The Right to Sight. Discuss about the the Universal Eye Health- A Global Action Plan. (4+6=10)
2. Answer the following: (8x5=40)
 - a. Describe comprehensive abortion care
 - b. What are the areas of intervention for elderly care under the National Policy on Senior Citizens 2011? BDE END 2015
 - c. Plan a health education session for school students on COVID-19 appropriate behaviour
 - d. What are the different strategies of testing for HIV/AIDS under NACP?
 - e. Population based cancer screening
 - f. Management of 11-month child of scabies at a primary health center. Dx Rx
 - g. Write about the activities under Mission Indradhanush.
 - h. Mention the services under Anaemia Mukh Bharat. 

Section B

3. What are risk factors for cancer? Which cancers are most amenable to screening/early detection? Write about the screening modalities for cervical cancer. (4+2+4=10)
4. Answer the following: (8x5=40)
 - a. A 8 months old child is brought to you with diarrhoea with some dehydration. How will you manage the child?
 - b. What are the risk factors for road traffic accidents in India?
 - c. Terminal disposal of biomedical waste generated in Hospital
 - d. Community based rehabilitation
 - e. Mention the Common causes of maternal mortality in India and three delay model to understand maternal mortality in India
 - f. Write in details about the management of a case of Class III dog bite attending the Anti Rabies Clinic of your college.
 - g. What do you understand by disease surveillance? Discuss about IDSP.
 - h. Describe the methods of Integrated Vector Control Measures.