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MBBS

Final Part –I Examination, March 2018 Community Medicine –I

Time: Three Hours]

[Maximum Marks: 60

Note: Attempt all questions. Use separate answer sheets for Part A & Part B . Parts of a question must be attempted in sequence.

Section –A

1. MCQ (separate sheet) [12]

2. Comment on the following statement :
Most of the cancers are preventable by life style changes. [4]

3. A man aged 45 years working in a bank as branch manager comes to your clinic with c/o giddiness & mild headache for two days . On checking the blood pressure once , his Blood pressure is 150/95 mm of Hg. He has been prescribed antihypertensives & told to reduce salt intake. [1.5× 4=6]
 - a. What is missing in the measurement of blood pressure ?
 - b. What non pharmacological interventions could have been tried?
 - c. If his reading is correct , classify the BP.
 - d. What other diseases would you like to prevent in this person.

4. Write short notes on : [2 × 4=8]
 - a. Communications barriers
 - b. SES
 - c. Temporal bias
 - d. ' P' value

Section –B

1. Differentiate between following terms – [3 × 4= 12]
 - a. Free of diseases / Having health
 - b. Observational studies / Experimental studies
 - c. John Snow / James –J-Lind
 - d. Nuclear family / Joint family

 2. Comment on the following : [4]

Health Education is not merely putting posters & distributing pamphlets.

 3. Study the following paragraph & answer the given questions :
A rickshaw puller man aged 30 years is suffering from cough with sputum for last 4 weeks. He is also loosing weight. He is a chronic smoker. He has already been treated under RNTCP for six months 2 years back. [1.5 × 4 = 6]
 - a. How will you investigate this man at PHC level.
 - b. What will be your probable diagnosis.
 - c. What life style changes would you like to bring in him.
 - d. What precautions do you suggest for his family members including two kids aged 2 years & 6 years.

 4. Write short notes on the following : [2 × 4=8]
 - a. Healthy aging & 'blue zone' populations
 - b. Planning cycle
 - c. Validity of a test
 - d. Prevention of dengue fever
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M.B.B.S.

Final Part –I Examination, March 2018 Community Medicine –II

Time: Three Hours]

[Maximum Marks: 60

Note: Attempt all questions. Use separate answer sheets for part A & Part B. Parts of a question must be attempted in sequence.

Section –A

1. MCQ (given on separate sheet) [12]
2. Comment on : “ One of the basic demographic characteristics of the population is the sex composition.” [4]
3. A 28 years old pregnant female in her second trimester complains of feeling tired , breathless & inability to perform routine household work. Her Hb is 8mg / dl. [2 × 3 = 6]
 - a. How will you manage the case as per national health Programme ?
 - b. What dietary advice should be given to her ?
 - c. Mention complications due to iron deficiency anemia.
4. Write short notes on : [2 × 4 = 8]
 - a. Preplacement Examination
 - b. Sanitation Barrier
 - c. Unmet need in family planning
 - d. W H O

Section- B

1. Write only two differences on : [3 × 4 =12]
 - a. Nutritional surveillance & Nutritional rehabilitation
 - b. Suraksha clinic & ARSH clinic

- c. Neonatal mortality rate & Post neonatal mortality rate
 - d. Byssinosis & Bagassosis
2. Comment on : Vitamin A as a vaccine. [4]
3. A 60 years old male, who is obese & a known diabetic for last 10 years presents with complaints of numbness & itching in lower limbs. Write your: [2 × 3 =6]
- a. Advice regarding diet
 - b. Advice regarding Physical activity
 - c. Advice regarding role of compliance & Blood sugar monitoring for prevention of complications.
4. Write short notes on - [2 × 4 =8]
- a. Global warming
 - b. Janani Suraksha Yojana
 - c. Integrated vector control
 - d. Home Based Newborn Care

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MBBS

Final Part –I Supple Examination, July 2018 Community Medicine –I

Time: Three Hours]

[Maximum Marks: 60

Note: Attempt all questions. Use separate answer sheets for Part A & Part B . Parts of a question must be attempted in sequence.

Section –A

1. MCQ (separate sheet) [12]

2. Comment on the following statement :
"Health is not merely the absence of disease". [4]

3. A manual labourer aged 40 years comes to a PHC with complains of cough with sputum for the last 3 years. For last 4 weeks , there is an increase in the frequency of cough & amount of sputum . Off & on there is history of streaks of blood in sputum. There is also loss of appetite & loss of weight. He is a chronic smoker. His family consist of his wife (35 years) & 3 children aged 10, 4 & 2 years. [1.5× 4=6]

- What is the probable diagnosis of this case ?
- How will you manage this case (Pharmacological & non pharmacological measures)?
- What will be the preventive steps taken for the protection of his family members ?
- Name the national health programme related to this disease in our country. Mention its aims & objectives.

4. Write short notes on :

[2 × 4=8]

- a. Herd immunity
- b. Multidrug therapy for leprosy
- c. Congenital Rubella syndrome
- d. Classification of Epidemiological studies

Section –B

1. Differentiate between following terms –

[3 × 4= 12]

- a. Screening / Diagnostic test
- b. Nuclear family / Joint family
- c. Incidence / Prevalence
- d. Cost effective analysis / Cost benefit analysis

2. Comment on the following :

[4]

“HIV/ AIDS is a sociomedical disease”.

3. A child (10 years) comes to PHC with history of unprovoked bite by a stray dog 4 hours back. Examination revealed blood stained lower limbs with 4 wounds near calf muscles. Child's parents also gave history of applying chilli powder on the wound. No other intervention has been done by parents.

[1.5×4=6]

- a. Name two fatal diseases this case will have risk for.
- b. How will you classify this wound?
- c. What all steps will be taken for the treatment (including the wound management) .
- d. What are the key points in health education ? Do's & Don'ts) relevant in this case ?

4. Write short notes on the following :

[2 × 4=8]

- a. Benefits of giving up tobacco use
- b. Barriers of communication
- c. Sampling
- d. Steps in planning cycle

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M.B.B.S.

Final Part –I Supple Examination, July 2018 Community Medicine –II

Time: Three Hours]

[Maximum Marks: 60

Note: Attempt all questions. Use separate answer sheets for part A & Part B. Parts of a question must be attempted in sequence.

Section –A

1. MCQ (given on separate sheet) [12]
2. Comment on : “ Infant mortality rate is the most important indicator of health status of a community.” [4]
3. A 21 years old woman who wants to continue breast feeding her 1 year old son , comes to you for contraceptive advice. She agrees for Intrauterine Device insertion [1 +2+ 3 = 6]
 - a. When will you call her for insertion as per her last menstrual period ?
 - b. Write one absolute & relative contraindication for IUD insertion.
 - c. Write three important side effects.
4. Write short notes on : [2 × 4 = 8]
 - a. Community participation
 - b. Supplementary action of proteins
 - c. Nutritional anemia
 - d. Maternity benefit under ESI anemia

Section- B

1. Write only two differences on : [3 × 4 =12]
 - a. Food fortification & Food additives

- b. Active smoking & Passive smoking
- c. Suraksha clinic & ARSH clinic
- d. Age specific fertility rate & Total fertility rate

2. Comment on : Life style & healthy ageing. [4]

3. It is found in a certain rural village, the DPT dropout rate of vaccination is high ,in spite of a high BCG coverage at the sub centre: [2 × 3 =6]

- a. What can be the possible causes for this.
- b. As a medical officer of the PHC concerned what steps will you take to minimize dropouts?

4. Write short notes on - [2 × 4 =8]

- a. UN fund for population activities (UNFA)
- b. Sources of health care waste
- c. Indian reference man & woman
- d. Overcrowding
