Q.P. Code: 303001 Reg. No...........................

Third Professional MBBS (Part I) Degree Supplementary Examinations, September 2015

Community Medicine-Paper I

Time: 3 Hours **Total Marks: 60**

- Answer all questions
- Draw diagrams wherever necessary

Essay: (10)

1. Sunaina is a recent MBBS graduate who is working as a medical officer in a primary health centre. There have been a number of cases of fever from a nearby village. The villagers suspect it is because of contaminated water in the overhead tank that supplies parts of the village. She decides to investigate. Answer the following:

- What type of study design should she use.
- What are the steps of such a study.
- How she will analyze the data, that she has gathered. (2+4+4=10)

Problems: (2x5=10)

2. As a medical officer of a primary health centre what are the steps that you will undertake to prevent and control anemia among pregnant mothers in your area.
3. What are the critical factors that you consider when taking the history of a 43 years old woman who has presented to you with 8 weeks of amenorrhea. What advice you would give her.

Short answer Question: (5x4=20)

4. Medical benefits under ESI scheme
5. Biological effects of radiation
6. Lactation amenorrhea method
7. Causes of low birth weight
8. Vitamin A prophylaxis programme

Differentiate between: (3x2=6)

9. Food pyramid and food plate
10. High stationary and low stationary stages in the demographic cycle
11. Droplet infection and droplet nuclei

Substantiate your answer with reasons: (2x2=4)

12. Immunization against tetanus is imperative for the pregnant woman
13. Personal protective equipment is the last resort in preventing occupational diseases

List the following: (5x2=10)

14. Organic pneumoconiosis
15. Methods of health promotion
16. Indicators used in the calculation of physical quality of life index
17. Steps in a cohort study
18. Functions of the family in health & disease

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