

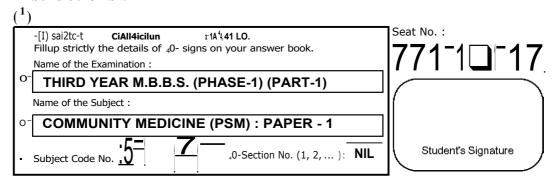
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R-1585-86

Third Year M.B.B.S. (Phase-I) (Part-I) Examination February - 2010 Community Medicine (PSM): Paper - I

Time: Hours] [Total Marks: 50

Instructions:



- (2) All questions are **compulsory** and their marks are mentioned on right hand side.
- (3) The question number 1 is of multiple choice type and carries 10 marks.
- 2 Describe permanent methods of family planning in India. 10 Are these superior to spacing methods of contraception in the villages of our country? Why?
- Write short notes on any three:

15

- (i) Water purification methods for safe drinking water in urban slums
- (ii) Intensified Pulse Polio Programme in Gujarat.
- (iii) Hazards of Immunization
- (iv) Primary level of prevention in epidemiology.

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- 4 Out of 250 confirmed cases of Leptospirosis patients in
 Gujarat, 175 patients reported history of recent contact
 with water logging in sugarcane farms. In the same
 state, out of 400 negative cases of Leptospirosis, 40
 individuals reported such a recent contact with water
 of sugar cane fields. How would you go to test an
 association between occurrence of leptospirosis and a
 recent contact with water collection in agricultural fields.
- 5 Compare and contrast for any **five:**

15

- (i) Crude death rates and specific death rates.
- (ii) Culex mosquitoes and Anopheles mosquitoes.
- (iii) Sensitivity and specificity
- (iv) Primary case and Index case
- (v) Primary health center and sub center
- (vi) Observational study and interventional study in epidemiology.

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