



Date of issue : Centre :
Sup. Sign : Seat No. :

R-1585-86-O
Third Year M.B.B.S. (Phase-I) (Part-I) Examination
February - 2010
Community Medicine (PSM) : Paper - I

Time : 10 Minutes]

[Total Marks : 10

OBJECTIVE QUESTIONS

Instructions :

(1)

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| <p>नीचे दृष्टावेव निशानीवाणी विगतो उत्तरवडी पर अवश्य दधवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : THIRD YEAR M.B.B.S. (PHASE-1) (PART-1)</p> <p>Name of the Subject : COMMUNITY MEDICINE (PSM) : PAPER - 1</p> <p>Subject Code No. : 1 5 8 5 Section No. (1, 2,.....): NIL</p> | <p>Seat No. : <input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center; margin-top: 10px;">Student's Signature</div> |
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- (2) The question number 1 is of multiple choice types and each question carries one mark.
- (3) You have to encircle the most appropriate single answer from options available.
- (4) It will be collected after 10 minutes by an invigilator.
- 1 (i) Stratified random sampling method is a variation of
(a) Cluster sampling
(b) Simple random sampling
(c) None of these
(d) both
- (ii) Is not a component for maintaining a cold chain for vaccines.
(a) Vaccines
(b) Vaccine carrier
(c) Ice lined Refrigerators
(d) Ice packs
- (iii) Cyclic trend is related to
(a) Antigenic variation
(b) Susceptible
(c) Herd immunity
(d) All three

- (iv) Cohort study design is usually a
- (a) Prospective study
 - (b) Cross sectional study
 - (c) Case series
 - (d) Quicker study
- (v) Mean Incubation period is not meaningful for the diseases like
- (a) Rabies
 - (b) Swine flu
 - (c) Measles
 - (d) All of these
- (vi) ASHA under national rural health mission means
- (a) Associated Social Health Action
 - (b) Action Specific Health Activity
 - (c) Accredited Scientific Health
 - (d) Accredited Social Health Activist
- (vii) If used always and carefully, failure rate with Condom can be
- (a) Zero
 - (b) 28%
 - (c) Reduced
 - (d) Unaltered
- (viii) Is not a major national health problem in India in terms of magnitude
- (a) Acute Diarrheal Diseases
 - (b) Diabetes
 - (c) Pulmonary Tuberculosis
 - (d) AIDS
- (ix) Ground water source in our country is more prone for
- (a) Chemical impurities
 - (b) Biological contamination
 - (c) Both of these
 - (d) None of these
- (x) Mode for the five observations of Pulse rate 70, 71, 72, 73, 74 can be
- (a) $(72+73)/2$
 - (b) None
 - (c) $(72+73)/5$
 - (d) $(71+72+73+74+75)/5$



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 :

(1)

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|---|----------------------|
| નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book. | Seat No. : |
| Name of the Examination : | <input type="text"/> |
| THIRD YEAR M.B.B.S. (PHASE-1) (PART-1) | <input type="text"/> |
| Name of the Subject : | <input type="text"/> |
| COMMUNITY MEDICINE (PSM) : PAPER - 1 | <input type="text"/> |
| Subject Code No. : <input type="text"/> 1 <input type="text"/> 5 <input type="text"/> 8 <input type="text"/> 5 | <input type="text"/> |
| Section No. (1, 2,.....) : NIL | |
| Student's Signature | |

(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?

3 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.

- 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. **10**
- 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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