



R-3723

Third Year M. B. B. S. (Phase-I) (Part-I) Examination

June / July - 2018

Community Medicine (PSM) : Paper - I



Time : 3 Hours]

[Total Marks : 60

Instruction :

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવકી 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-I) (Part-I)	<input type="text"/>
Name of the Subject :	<input type="text"/>
Community Medicine (PSM) : Paper - I	<input type="text"/>
Subject Code No. : <input type="text"/> 3 <input type="text"/> 7 <input type="text"/> 2 <input type="text"/> 3	Student's Signature
Section No. (1, 2,.....) : <input type="text"/> 1&2	

SECTION - I

- 1 Very short questions : 10×1=10
- (a) What is Tertiary prevention?
 - (b) Give two examples of Mass treatment in India.
 - (c) Will you call it "overcrowding" if there are 7 family members in a dwelling having 4 rooms as per accepted housing standards?
 - (d) Define "Ecology" (one statement would be sufficient)
 - (e) Mention a diseases transmitted by rat flea.
 - (f) Mention the correct way of treatment and disposal of an amputated limb (human body part) due to gangrene.
 - (g) Describe in 4 lines about an appropriate candidate for abdominal Tubal ligation (Abdominal TL) operation as a method of Contraception.
 - (h) What does it mean when OR (Odds Ratio with 95% Confidence interval) is 2.3(2.02 - 7.49) for an exposure factor 'use of liquor (alcohol) > 5 times per week for last 5 years and an outcome factor having diagnosis of hepatocellular carcinoma in men of Valsad district.

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- (i) How many True Negative persons can be detected by a screening test having specificity of 90.00% when applied on 10,000 confirmed normal individuals (non disease) for swine flu ?
- (j) Write full form of RCH.

2 Live vaccines for human use. 10

3 Short questions : 5×2=10

- (a) What is unsafe drinking water?
- (b) Write formula for case fatality rate for AIDS in age group > 30 years of age.
- (c) Mention one diagram to describe qualitative data and one diagram for quantitative data.
- (d) Describe Couple Protection rate (CPR).
- (e) list four important elements of Primary health care.

SECTION - II

4 Short Questions : 5×3=15

- (a) Submerged portion of Iceberg in Iceberg phenomena.
- (b) Control of rodents (Rats and stray dogs) in slums of Vapi.
- (c) Standard Normal Distribution Curve.
- (d) Conditions under which pregnancy can be terminated (MTP Act, 1971).
- (e) Point source epidemic.

5 Write short notes on : 5×3=15

- (a) Population Growth Rate in India
- (b) Three functions of ASHA
- (c) Achievements of RNTCP
- (d) Specific Protection as mode of intervention
- (e) Disaster preparedness expected from public health department for Heavy rainfall





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Name of the Examination : Third Year M. B. B. S. (Phase-I) (Part-I)	<input type="text"/> Student's Signature
Name of the Subject : Community Medicine (PSM) : Paper - II	
Subject Code No. : 3 7 2 4 Section No. (1, 2,.....) : 1&2	

SECTION - I

- 1 Very short questions : 10×1=10
- Name two infections having very short incubation period (in hours).
 - Full form of ESIS in Occupational health.
 - Reasons for night blindness among pregnant women.
 - list low Risk group of HIV/AIDS in India .
 - Give names of two problems for old people (more than 70 years) in underdeveloped States of India.
 - Recommended daily allowances of Iodine for a healthy adult man of urban area.
 - Mention the types of family:
 - Champaklal Jaintilal. Gada-Head of family,
 - Jethalal Champaklal. Gada-Husband of Dayaben,
 - DayaJethalalGada, mother of Tapu and
 - Tapu, grandson of Champaklal staying together in a flat in Gokuldharm society of Goregaon (Mumbai)

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- (h) Full form of "UNICEF".
- (i) What happens to Weight for Height in case of Kwashiorkor, a type of PEM ?
- (j) Numerator and denominator for calculation of "Maternal Mortality Rate" in India.
- 2 Vitamin A prophylaxis Programme. 10
- 3 Short questions : 5×2=10
- (a) Write the treatment of P.Vivax Malaria for pregnant lady (III trimester) as per the new Malaria drug policy under NVBDCP.
- (b) Disablement benefits under ESI Act, 1948.
- (c) Two conditions (Diagnosis) commonly diagnosed during school health check up in primary and secondary level government schools in rural south Gujarat.
- (d) What are the criteria for clinical diagnosis of Dengue haemorrhagic fever?
- (e) Give Names of medicines used in treatment of Multi-bacillary leprosy under government programme.

SECTION - II

- 4 Short Questions : 5×3=15
- (a) Social Control Mechanism.
- (b) Examples of adulteration of food.
- (c) Secondary Prevention for Primary Hypertension
- (d) Genotype and phenotype in ABO blood grouping system Show in a tabular form).
- (e) Epizootiology of Plague.
- 5 Write short notes on : 5×3=15
- (a) Risk factors for Diabetes Mellitus in rural Gujarat.
- (b) Genetic Counselling for Miss Tadvi (19 years age) and Mr Rathva (22 years) both having sickle cell trait and likely to get married soon.
- (c) Indian Red Cross
- (d) Sickness Absenteeism
- (e) Child Trafficking.



Section – II

4. Short questions: 5 x 3 = 15
- (a) Describe triage.
 - (b) Draw & write characteristics of Normal distribution curve.
 - (c) What is AEFI? Write types of AEFI.
 - (d) Write strategies for NPCDCS programme.
 - (e) Demographic cycle.
5. Write short notes on: 5 x 3 = 15
- (a) Write difference between monitoring & evaluation.
 - (b) Recent changes under RNTCP.
 - (c) Write about Indices of thermal comfort.
 - (d) Disaster management during and after floods.
 - (e) Define: Goals, Targets and Objectives

