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Date of issue : Centre :
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M-4016-O

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

June / July - 2015

Community Medicine (PSM) : Paper - I

Time : 10 Minutes]

[Total Marks : 10

OBJECTIVE QUESTIONS

Instructions :

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book.

Name of the Examination :

THIRD M.B.B.S. (PHASE-I) (PART-I)

Name of the Subject :

COMMUNITY MEDICINE (PSM) : PAPER - I

Subject Code No. : 4 0 1 6 Section No. (1, 2,.....) : Nil

Seat No. :

Student's Signature

(2) All questions are compulsory. Please encircle the correct answer. Any correction would be considered as invalid response.

Multiple Choice Questions (MCQ)

- 1 True about point source epidemic are all except :
- (a) All cases occur in one incubation period
 - (b) One single peak only
 - (c) The curve has rapid rise and slow decline
 - (d) No secondary curves.
- 2 All the following indicators are included in Physical Quality of Life Index (PQLI) except :
- (a) Infant Mortality Rate
 - (b) Literacy Rate
 - (c) Life expectancy at age one
 - (d) Per Capita Income

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[Contd...

- 3 Sputum examination of AFB is a type of :
- (a) Primordial prevention (b) Primary prevention
(c) Secondary prevention (d) Tertiary prevention
- 4 Serial Interval is :
- (a) Interval between primary and secondary case.
(b) Interval between first and last case
(c) Interval between incubation period and gestation period.
(d) Interval between primary case and all subsequent cases multiplied by attack rate.
- 5 Carrier state is not important in transmission of :
- (a) Typhoid (b) Polio
(c) Diphtheria (d) Measles
- 6 Who among the following are NOT the beneficiaries of ICDS scheme ?
- (a) Adolescent females (b) School going children
(c) Pregnant females (d) Lactating females
- 7 Sling Psychrometer is used for measuring
- (a) Air velocity (b) Core temperature
(c) Humidity (d) Height from sea level
- 8 If the distribution of intra-ocular pressure seen in 100 glaucoma patients has an average of 30 mm with a SD of 10, what is the lower limit of the average that can be expected 95% of times ?
- (a) 28 (b) 26
(c) 27 (d) 25

- 9 In a standard distribution curve :
- (a) Mean = 2 Median
 - (b) Median = Variance
 - (c) Mean = Median
 - (d) Standard Deviation = 2 Variance
- 10 Following are larval control measures except :
- (a) DDT
 - (b) Paris green
 - (c) Gambusia
 - (d) Intermittent irrigation
-



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Third Year M.B.B.S. (Phase-I) (Part-I) Examination
June / July - 2015
Community Medicine (PSM) : Paper-II

Time : 10 Minutes]

[Total Marks : 10

OBJECTIVE QUESTIONS

Instructions :

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.	Seat No. : <input type="text"/>
Name of the Examination : THIRD YEAR M.B.B.S. (PHASE-I) (PART-I)	<input type="text"/>
Name of the Subject : COMMUNITY MEDICINE (PSM) : PAPER-II	
Subject Code No. : 4 0 1 7 Section No. (1, 2,.....) : NIL	
Student's Signature	

- (2) All questions are compulsory. Please encircle the correct answer.
Any correction would be considered as invalid response.

Multiple Choice Questions (M.C.Q.)

- Best method to measure environmental iodine deficiency is :
(a) Neonatal hypothyroidism
(b) Iodine level in salt
(c) Adult hypothyroidism
(d) Thyroid function test screening
- All have incubatory carriers except :
(a) Tetanus (b) Polio
(c) Measles (d) Pertussis
- The diluent for BCG is :
(a) Distilled water (b) Normal saline
(c) 5% Dextrose solution (d) Ringer's Lactate

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[Contd...

- 4 The most sensitive index of recent transmission of malaria in a community is :
- (a) Spleen Rate
 - (b) Infant Parasite Rate
 - (c) Annual Parasite Incidence
 - (d) Slide Positivity Rate
- 5 Which of the following is not true about SAFE strategy ?
- (a) Oral Azithromycin
 - (b) Sanitation
 - (c) Facial washing
 - (d) Vit A supplementation
- 6 Duration of treatment in multibacillary leprosy according to WHO is :
- (a) 6 months
 - (b) 1 year
 - (c) 2 years
 - (d) 5 years
- 7 The socio-economic status of a community is best indicated by :
- (a) Infant mortality rate
 - (b) Under 5 mortality rate
 - (c) Maternal mortality rate
 - (d) Perinatal mortality
- 8 Pasteurized milk is most commonly tested by :
- (a) Oxidase test
 - (b) Coliform test
 - (c) Catalase test
 - (d) Phosphatase test
- 9 Corpulence index measures :
- (a) Hypertension
 - (b) Coproporphyruria
 - (c) Obesity
 - (d) Diabetes
- 10 True about ASHA are all except :
- (a) One per 1000 rural population
 - (b) Mobiliser of antenatal care
 - (c) Female voluntary worker
 - (d) Skilled birth attendant



MU-4016

Third Year M. B. B. S. (Part-I) (Phase-I) Examination
December - 2015
Community Medicine (PSM) : Paper - I

Time : 3 Hours]

[Total Marks : 60

Instruction :

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. (Part-I) (Phase-I)	<input type="text"/>
Name of the Subject :	<input type="text"/>
Community Medicine (PSM) : Paper - I	<input type="text"/>
Subject Code No. : 4 0 1 6	Section No. (1, 2.....): Nil
Student's Signature	

- 2 Define the term Cohort. Describe three types of Cohort studies. 10
- 3 Very short questions : (5 × 2) 10
- Four types of morbidities resulting from a disaster situation
 - Two viral diseases transmitted by Mosquitoes.
 - Mention two Treatment options for plastic bags with yellow colour coding under biomedical waste disposal guidelines.
 - Complete and correct names of NVBDCP and RNTCP.
 - Physical quality of Life Index (PQLI).
- 4 Short questions : (5×3) 15
- Describe "Disease Control"
 - Blocked flea.
 - Objectives, Targets and Goals.
 - Age Pyramid (Do not draw any figure/diagram).
 - Incubatory carriers.

- 5 Write short notes on: 15
- Primary prevention
 - Cold chain.
 - Eligible couples
 - Post exposure prophylaxis following a rabid dog bite.
 - Effect of air pollution on human health.

[Total Marks : 50] Time : 3 Hours
 Instructions :

Seat No.							



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MU-4017
Third Year M.B.B.S. Examination
December - 2015
Community Medicine (PSM) : Paper - II

Time : 3 Hours]

[Total Marks : 75

Instruction :

નીચે દર્શાવેલ નિશાનીયણી વિગતો ઉપર અવરજી લખવી. Fillup strictly the details of signs on your answer book.	Seat No. : □ □ □ □ □ □ □ □
Name of the Examination : Third Year M.B.B.S.	Student's Signature
Name of the Subject : Community Medicine (PSM) : Paper - II	
Subject Code No. : 4 0 1 7 Section No. (1, 2.....) : Nil	

- 2 Describe in brier Host factors, modes of transmission and incubation periods for Hepatitis A and Hepatitis B infections 10
- 3 Very short questions : (5×2) 10
- Give names of two diseases transmitted through Droplet nuclei
 - Formula for calculating Infant Mortality Rate
 - List any four established risk factors for breast Cancer(exclude age and sex)
 - Two way Communication
 - Write preventive or screening action for Rhesus Haemolytic Diseases(of newborn)
- 4 Short questions : (5 × 3) 15
- Positive Eugenics as a measure of health promotion
 - Two advices to a lady who has just started using hormonal oral contraceptive pills for spacing
 - Four advantages of joint family.
 - Net energy requirements(approximate)(KCaI/day) of 55 kg weighing three different women having sedentary, moderate and heavy work
 - List any Four activities performed by international organizations working for human health.

- 5 Write short notes on: 15
- a) Thalassemias
 - b) Biological hazards to which an employee can be exposed
 - c) Preventive/promotive measures against PEM*(Protein Energy Malnutrition)
 - d) Causes of Mental illness
 - e) Give three common ailments reported by elderly people in India

- 2 In a randomized controlled trial, the essential purpose of randomization is
- (A) To produce single blinding
 - (B) To decrease the follow-up period
 - (C) To eliminate the selection bias
 - (D) To decrease the sample size
- 3 Which of the following is not a killed vaccine ?
- (A) DPT
 - (B) Rabies
 - (C) Hepatitis B
 - (D) Rubella
- 4 The diagnostic power of a test to correctly exclude the disease is reflected by:
- (A) Sensitivity
 - (B) Specificity
 - (C) Positive predictivity
 - (D) Negative predictivity
- 5 Rat(*Rattus Norvegicus*) is associated with
- (A) KFD
 - (B) Leptospirosis
 - (C) J CCHF
 - (D) Brucellosis
- 6 There is no exclusive National Health Programme to control Vitamin B Complex deficiency.
- TRUE FALSE

7 Epidemiological triad includes only AGENT and HOST in non communicable diseases.

TRUE FALSE

Select any one of the options (A B C D E) as mentioned below for Q. 8 to Q.10

A: if both statements are true and the second statement is a correct explanation of the first statement

B: if both statements are true but the second statement is not a correct explanation of the first statement

C: if the first statement is true but the second one is false

D: if the first statement is false but the second one is true

E: if both statements are false

8 Mode is the most reliable measure of central tendency because it takes in to account all observations including extreme values

A B C D E

9 Anopheles Stephensi does not transmits Malaria and Anopheles Qulicificies does transmits filaria in humans in India A B C D E

10. Maternal Mortality Rate (MMR) is truly a ratio because the denominator in formula is number of all married and unmarried women. A B C D E



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Third Year M.B.B.S. Examination
 December - 2015
Community Medicine (PSM) : Paper - II

Time : 10 Minutes]

[Total Marks : 10

OBJECTIVE QUESTIONS

Instructions : (1)

નિચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
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Seat No. :

Name of the Examination :

THIRD YEAR M.B.B.S.

Name of the Subject :

COMMUNITY MEDICINE (PSM) : PAPER - II

Student's Signature

Subject Code No. : Section No. (1, 2,.....):

4 0 1 7 Nil

- (2) Select most appropriate answer for Q. 1 to Q.5 and encircle selected single best option.
- (3) Encircle TRUE or FALSE for statement Q. 6 to Q.7
- (4) Read instruction carefully for Q. 8 to Q. 10 and encircle any single answer as A, B,C,D or E against each of these

- 1 Denominator for calculating crude Death rate is
 - (A) Number of living births
 - (B) Number of elder people
 - (C) Midyear population
 - (D) Total number of 65+ age group
- 2 Leading cause of maternal deaths in India is
 - (A) Anaemia
 - (B) Haemorrhage
 - (C) Sepsis
 - (D) Medical Termination of third trimester pregnancies

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[Contd....

3 Xerophthalmia is considered as a public health problem in a community if the prevalence of Bitot's spots is more than :

(A) 1 %

(B) 0.5 %

(C) 5 %

(D) 2 %

4 Eggs are reference protein because of:

(A) High caloric content

(B) Increased protein/100 grams

(C) Increased biological value and +NPU

(D) Decreased digestibility coefficient

5 Which organization mainly works for Children ?

(A) World Bank

(B) Bill Gates and Melinda Foundation

(C) UNESCO

(D) UNICEF

6 Socially acquired learned behaviour is called Attitudes

TRUE FALSE

7 Panel discussion can be defined as Stage wise formatted teaching

TRUE FALSE

Select any one of the options(A B C D E) as mentioned below for

A: if both statements are true and the second statement is a correct explanation of the first statement

B: if both statements are true but the second statement is not a correct explanation of the first statement

C: if the first statement is true but the second one is false

D: if the first statement is false but the second one is true

E: if both statements are false

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[Contd....

- 8 Agricultural worker has nothing to do with occupational health because occupational health is concerned with industry and industrialized countries only.
A B C D E
- 9 Hypertension is one of the diseases which showed rise in mortality over last 3 decades and the rise in mortality is due to ineffective antihypertensive treatment. .
A B C D E
- 10 Turner's syndrome is not a chromosomal disorder and Marfan's syndrome is not a Mendelian disease..
A B C D E
-



PR-4016

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

June / July - 2014

Community Medicine : Paper - I

Time : 2:30 Hours]

[Total Marks : 50

Instructions :

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fillup strictly the details of signs on your answer book.

Seat No. :

Name of the Examination :

THIRD YEAR M.B.B.S. (PART - 1)

Name of the Subject :

COMMUNITY MEDICINE - 1

Subject Code No. : 4 0 1 6 Section No. (1, 2,.....) : Nil

Student's Signature

- (2) Give short, specific and correct answers.
- (3) Tota five questions including MCQs.
- (4) All the questions are compulsory.
- (5) Figures on right side show marks.

- 1 What do you mean by Chemoprophylaxis ? Give indications for chemoprophylaxis 10
- 2 Write short notes on five topics : 15
 - (a) Secular trend in epidemiology
 - (b) Side effects of intrauterine contraceptive device
 - (c) Effects of air pollution on human health
- 3 Write answer of the following questions : 10
 - (a) Spectrum of disease in epidemiology
 - (b) Specificity of a screening test
 - (c) List any four elements of, Primary Health Care
 - (d) Give three different ways for presenting the quantitative continuous data

4 Give- answers In one to three sentence-for below 15
mentioned 5 questions :

- (a) Definition of The terms endemic diseases, Exotic diseases and an epidemic
- (b) Mention any six characteristics of screening tests performed in clinical practice
- (c) List names of six fertility rates (or Ratio) -which can be calculated at state/national levels.
- (d) Give names of 6 Vaccine Preventable Diseases not covered under Universal Immunization Programme (UIP) In India
- (e) List any three birth control methods for a man.