DZ-4016

Third M.B.B.S. (Phase-I) (Part-I) Examination
June / July – 2016
Community Medicine (PSM) : Paper-I

Time : $2\frac{1}{2}$ Hours]   [Total Marks : 60

Instruction :

2   Selection of cases and controls in case control studies.   10

3   Very short questions :   5×2=10
    a)   Four types of morbidities resulting from an earth quake
    b)   Examples of a viral and a parasitic disease transmitted by Mosquitoes.
    c)   Mention two Treatment options for plastic bags with red colour coding under biomedical waste disposal guidelines.
    d)   Complete and correct names of NVBDCP and RNTCP.
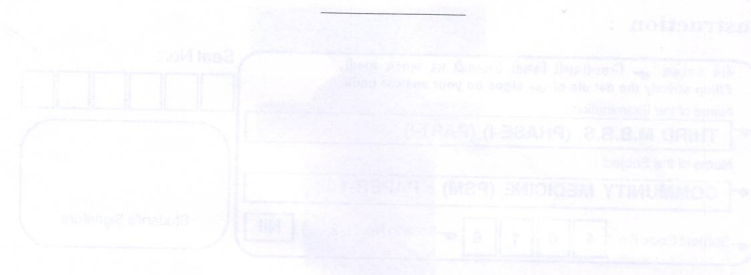   e)   Indicators used to calculate Human Development Index.

4   Short questions :   5×3=15
    a)   Describe "Disease Eradication".
    b)   Blocked flea.
    c)   The purpose of evaluation of any health programme.
    d)   Population Growth Rate.
    e)   Convalescent carriers.

5 Write short notes on :   15

    a)   Tertiary Prevention.

    b)   Ratio in epidemiology.

    c)   Drugs used for Mass Drug Administration campaign against filariasis.

    d)   Post exposure prophylaxis following a rabid dog bite.

    e)   Effect of water pollution on human health.

DZ-4017

Third M.B.B.S. (Part-I) (Phase-I) Examination
June / July – 2016
Community Medicine (PSM) : Paper-II

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 60

Instruction :

2   List only five names of epidemiological indices needed to   10
    measure the Tuberculosis problem in the community. Write
    in brief about the Host factors of Tuberculosis in India.

3   Very Short Questions :   5×2=10

    (a) Give names of two infectious diseases with long and
        variable incubation period

    (b) Formula for calculating Perinatal Mortality Rate for
        international Comparison

    (c) List any four Human factors in accidents

    (d) Barriers of Communication in a large public sector
        hospital OPD (Outdoor Patient Department)

    (e) Consanguineous marriage.

4 Short questions :   5×3=15

(a) Negative Eugenics as a measure of health promotion

(b) Two advices to a man who has successfully undergone Non scalpel Vasectomy for family Planning purpose

(c) Four advantages of nuclear family.

(d) Net energy requirements (approximate) (KCal/day) of 60 kg weighing three different men having sedentary, moderate and heavy work

(e) List any Four international organizations working for human health.

5 Write short notes on :   15

(a) Phenyl ketonuria

(b) Pneumoconiosis.

(c) Management of Protein Energy Malnutrition (PEM).

(d) Alcohol abuse

(e) Give three common ailments reported by elderly people in India.

_____

||||||||| *DZ-4016-0*

Date of issue : _____   Centre : _____

Sup. Sign. : _____   Seat No. : _____

DZ-4016-O
Third M.B.B.S. (Phase-I) (Part-I) Examination
June / July – 2016
Community Medicine (PSM) : Paper-I

Time : **10** Minutes]   [Total Marks : **10**

OBJECTIVE QUESTIONS (MCQ)

Instructions :

(1)

નીચે દર્શાવેલ ☞ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fillup 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-1

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

Seat No. :

Student's Signature

(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   **Objective Question (MCQ) :**   **10**

(1)   Natural history of disease is studied with

    a)   Cross-sectional studies

    b)   Longitudinal studies

    c)   Field Trials

    d)   Ecological studies

(2) In a randomized controlled trial, the essential purpose of randomization is
   a)   To produce double 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)   Rabies in Dogs
   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 anyone 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) Mean(Average) is the most reliable measure of central tendency *because it takes in to account all observations includin extreme values.*

A   B   C   D   E

(9) Anopheles Stephensi does not transmits Malaria and *Anopheles Qulicificies does not 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 women.*

A   B   C   D   E

_____

Date of issue : [ ] Centre : [ ]

Sup. Sign. : [ ] Seat No. : [ ]

DZ-4017-O
Third M.B.B.S. (Part-I) (Phase-I) Examination
June / July – 2016
Community Medicine (PSM) : Paper-II

Time : **10** Minutes] [Total Marks : **10**

OBJECTIVE QUESTIONS (MCQ)

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

Name of the Subject :
👉 **COMMUNITY MEDICINE (PSM) : PAPER-2**

👉 Subject Code No. : [4][0][1][7] 👉 Section No. (1, 2,.....) : **Nil**

Student's Signature

(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 **Objective Questions (MCQ) :** **10**

   (1) Denominator for calculating crude birth rate is

      (a) Number of living births

      (b) Number of women

      (c) Midyear population

      (d) Total number of Eligible couples

DZ-4017-O] 1 [Contd....

(2) Leading cause of maternal deaths in India is
    (a) Anaemia
    (b) Haemorrhage
    (c) Sepsis
    (d) Obstructed labour

(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 Culture.
    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 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) 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 reduction in mortality over last 3 decades *and the reduction in mortality is due to effective antihypertensive treatment.*

A   B   C   D   E

(10) Turner's syndrome is a chromosomal disorder *but Marfan's syndrome is a Mendelian disease.*

A   B   C   D   E

ER-4016

Third Year M. B. B. S. (Phase-I) (Part-I) Examination
December – 2016
Community Medicine (PSM) : Paper - I

Time : $2\frac{1}{2}$ Hours]   [Total Marks : **60**

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. (Phase-I) (Part-I)**	
Name of the Subject :	
☛ **Community Medicine (PSM) : Paper - I**	
☛ Subject Code No. : **4 0 1 6** ☛ Section No. (1, 2,.....) : **1&2**	Student's Signature

(2)   All questions are compulsory

(3)   Each section should be answered in separate copies.

SECTION – I

1   Very short questions :   10×1=10

   (a)   What is primordial prevention?

   (b)   Incidence rate can be calculated in which type of study design?

   (c)   Which is the best measure to compare the vital statistics of countries?

   (d)   Enumerate two diseases transmitted by Culex mosquito.

   (e)   What is sewage?

   (f)   Enumerate two cultural barriers to communication?

   (g)   Which study design would be appropriate to measure efficacy?

   (h)   What is case fatality rate?

   (i)   What is the man power requirement in a sub centre?

   (j)   What is the importance of net reproduction rate?

ER-4016]   1   [Contd...

2 Define Primary Health Care and discuss the principles of primary health care. 10

3 Short questions : 5×2=10
   (a) What is Odds Ratio?
   (b) Compare between a source and reservoir of infection.
   (c) Enumerate two types of carriers with examples.
   (d) What is Perinatal Mortality Rate?
   (e) What is triage?

SECTION – II

4 Short questions : 5×3=15
   (a) What are the uses of epidemiology?
   (b) Discuss three health promotion strategies.
   (c) Which are the internationally notifiable diseases?
   (d) What is secondary attack rate? What is its relevance in communicable disease?
   (e) Compare screening test to diagnostic test.

5 Write short notes on : 5×3=15
   (a) Successful parasitism
   (b) Post Coital Contraception
   (c) Kangaroo Mother Care
   (d) Disability-Adjusted Life Year (DALY)
   (e) Disability Limitation.

———————

ER-4017

ER-4017

Third Year M. B. B. S. (Phase-I) (Part-I) Examination
December – 2016
Community Medicine (PSM) : Paper - II

Time : $2\frac{1}{2}$ Hours]　　　　　　　　　　　　　[Total Marks : 60

Instructions :

(1)

(2)　All questions are compulsory.

(3)　Each section should be answered in separate copies.

SECTION – I

1　Very short questions :　　　　　　　　　　　　10×1=10

(a)　Enumerate two zoonotic diseases.

(b)　Enumerate two diseases where active and passive immunity should be given together.

(c)　Negri bodies found in the hippocampus are diagnostic of which disease?

(d)　In a HIV infected child, which vaccine should not be given?

(e)　Enumerate two diseases transmitted by milk.

(f)　What is the most common cause of maternal mortality in India?

(g)　What is used in the estimation of chlorine demand of water?

(h)　What is the period of infectivity in Hepatitis A?

(i)　Enumerate two autosomal dominant traits.

(j)　What are the extra ocular manifestations of Vitamin A deficiency?

ER-4017]　　　　　　　　1　　　　　　　　[Contd...