Date of issue :   Centre

Sup. Sign.   Seat No. :

K-4016-0
Third Year M.B.B.S. (Phase - I) (Part - I) Examination
September/October-2012
Community Medicine (PSM) : Paper - I

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

OBJECTIVE QUESTIONS

Instructions :

(1)

> 414 sqd   qp- Pl.a1.4lcll°11 Ft :   TRct0.1 uz MAkti.
> **Fillup strictly the details of   signs on your answer book.**
> Name of the Examination :
> **T. Y. M.B.B.S. (Phase - 1) (Part - 1)**
> Name of the Subject :
> **I Community Medicine (PSM) : Paper - 1**
> -Subject Code No. : **4 O   6**   -Section No. (1, 2, ...) ; **Nil**

Seat No. :

Student's Signature

(2)   This is question number 1 which has multiple choice options.

(3)   In this subsection each question carries 1 mark and you have to attend all.

(4)   Encircle the most appropriate single answer from the options available.

(5)   This question/ answer sheet shall be collected after 10 minutes.

1 (MCQ)

   (1)   **All** of the following are true for slow sand filters, except -
      (a)   Filters are cleaned by scraping the sand bed
      (b)   The vital component of the filter is Schmutzdecke
      (c)   Removal of bacteria is up to 99.99%
      (d)   The operation is highly skilled

   (2) Secondary attack rate reflects
      (a)   Severity
      (b)   Fatality
      (c)   Communicability
      (d)   Productivity

K-4016-0]   1   **[Contd...**

(3) Prevalence of a disease :

    (a)   Is the best measure of disease frequency in etiological studies.

    (b)   Can only be determined by a cohort study,

    (c)   Is the number of new cases in a defined population.

    (d)   Describes the balance between incidence, mortality and recovery.

(4) Standard Deviation (SD) is computed to

    (a)   Measure the variability of the distribution

    (b)   Find the relationship between two variables

    (c)   Construct the frequency distribution

    (d)   Find the probability

(5) In a community one of the indicators of PQLI is life expectancy at

    (a)   Birth

    (b)   1 Years

    (c)   5 years

    (d)   15 Years

(6) Selective screening refers to screening test applied to a

    (a)   Randomly selected group

    (b)   High risk group

    (c)   Volunteer group

    (d)   Non randomized group

(7) Biological Oxygen Demand is determined by :

    (a)   Suspended particles

    (b)   Sullage

    (c)   Organic matter in water

    (d)   Algae in water

(8) The biological transmission in cases of Filariasis is

    (a)   Mechanical

    (b)   Propagative

    (c)   Cyclopropagative

    (d)   Cyclodevelopmental

(9) In fresh bleaching powder the chlorine availability is

    (a)   22%

    (b)   30%

    (c)   33%

    (d)   40%

(10) Which of the following is characteristic of a single exposure common vehicle outbreak?

    (a)   Frequent secondary cases.

    (b)   Severity increases with increasing age.

    (c)   Explosive.

    (d)   Cases occur continuously beyond the longest incubation period.

_____