Model Question paper for Online Admission Test
MSc in Biostatistics and Demography

1. The legally prescribed minimum age at marriage for females in India is
   a) 16 years
   b) 18 years
   c) 20 years
   d) 21 years

2. The number of districts in India as per 2011 census
   a)   640
   b)   575
   c)   600
   d)   610

3. Who invented the IPV polio vaccine?
   a) Joseph Lister
   b) Louis Pasteur
   c) Van Leeuwenhoek
   d) Jonas Edward Salk

4. Ravi is married ....a cousin of mine.
   a)   with
   b)   to
   c)   alongwith
   d)   off

5. One writes all numbers from 50 to 99 without the digits 2 and 7. How many numbers have been written ?
   a) 32
   b) 36
   c) 40
   d) 38

6. In a post-office, stamps of three different denominations of Rs. 7, Rs. 8, Rs. 10 are available. The exact amount for which one cannot buy stamps is
   a) 19
   b) 20
   c) 23
   d) 29

7. Derivative of ln(x2) is
   a) 2xln(x)
   b) 2ln(x)
   c) $1/x^2$
   d) 2/x

8. The weight of students in a college is a
   a) Discrete variable
   b) Continuous variable
   c) Qualitative variable
   d) None of the above

9. If boys and girls are born equally likely, the probability that in a family with three children exactly one child is a girl is
   a) 1/3
   b) 5/8
   c) 3/8
   d) 1/2

10. A man is facing north-west. He turns 90° in the clockwise direction, then 180° in the anticlockwise direction and then another 90° in the same direction. Which direction is he facing now?
    a) South
    b) South-west
    c) 'West
    d) South-east