Textile Testing
Quiz - 1

1) Uniformity ratio for normal variety of cotton is in the range

(A) 0.2-0.3
(B) 0.4-0.5
(C) 0.7-0.8
(D) 9.0-1.0

2) Uniformity ratio is the ratio of

(A) 50% span length and 2.5% span length
(B) 2.5% span length and 50% span length
(C) Mean length and upper half mean length
(D) Upper half mean length and mean length

3) Mature cotton fibers have average degree of cell wall thickening (θ) of about

(A) 0.1
(B) 0.2
(C) 0.6
(D) 1.0

4) When denier of a fibre is doubled, its diameter increases by

(A) 0.41 times
(B) 1.41 times
(C) Two times
(D) Four times

5) The characteristics wave form produced by light scattered by individual fibers in an AFIS instrument is

(A) Spiked
(B) Triangular
(C) Rectangular
(D) Elliptical
6) The following has the highest Index of Irregularity
   (A) Carded sliver
   (B) Yam
   (C) Roving
   (D) Drawn sliver

7) Nep setting on evenness tester is related to the percent mass deviation based on yarn length of
   (A) 10 mm
   (B) 8 mm
   (C) 4 mm
   (D) 1 mm

8) Uster classimat is for classifying
   A. Yarn faults
   B. Yarn imperfections
   C. Yarn irregularity

9) For excessive difference between the number of thick and thin places the process most likely to be responsible is
   A. Drawing
   B. Roving
   C. Ring spinning
   D. Carding

10) Level of setting for nep on evenness testers is based on reference length of
    A. 1mm
    B. 2 mm
    C. 4 mm
    D. 8mm