Assignment 10

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

1) The ascending order of wavelength in ultraviolet spectrum of electromagnetic waves is
   - UV, UVA, UVC, UVD
   - UVC, UVA, UVB, UVD
   - UVC, UVA, UVB, UVB
   - UVA, UVB, UVC, UVD
   - No, the answer is incorrect
   Score: 1
   Accepted Answer:
   - UV, UVA, UVC, UVD

2) The correct statement(s) amongst the following for UVA
   - It has the longest wavelength in the UV spectrum
   - It has the shortest wavelength in the UV spectrum
   - It has the highest energy per photon in the UV spectrum
   - It has the lowest energy per photon in the UV spectrum
   - No, the answer is incorrect
   Score: 1
   Accepted Answer:
   - It has the longest wavelength in the UV spectrum

3) UVP is
   - in vitro method
   - in vivo method
   - an inverse of EFT
   - used to measure EFT
   - No, the answer is incorrect
   Score: 1
   Accepted Answer:
   - in vivo method

4) With reference to UV rays, the correct statement(s) amongst the following is
   - Longer wavelengths are more harmful
   - Shorter wavelengths are more harmful
   - Shorter wavelengths are absorbed by ozone layer more than longer wavelengths
   - Shorter wavelengths are absorbed by ozone layer less than longer wavelengths
   - No, the answer is incorrect
   Score: 1
   Accepted Answer:
   - Shorter wavelengths are absorbed by ozone layer more than longer wavelengths

5) Polyester fibres have higher UVP
   - Because of presence of conjugated aromatic system
   - Because of presence of double bonds
   - Because of absence of double bonds
   - Because of absence of conjugated aromatic system
   - No, the answer is incorrect
   Score: 1
   Accepted Answer:
   - Because of presence of conjugated aromatic system

6) The correct statement(s) amongst the following are
   - Cotton before soaking shows higher UVP protection
   - Cotton after soaking shows higher UVP protection
   - Keeping all other fabric parameters same, as yarn increases UVP increases
   - Keeping all other fabric parameters same, as yarn decreases UVP increases
   - No, the answer is incorrect
   Score: 1
   Accepted Answer:
   - Cotton before soaking shows higher UVP protection
   - Keeping all other fabric parameters same, as yarn increases UVP increases

7) UV index
   - is directly proportional to the intensity of UV radiation
   - is inversely proportional to the intensity of UV radiation
   - is inversely proportional to the altitude of a particular place
   - UV index does not depend on the altitude of a particular place
   - No, the answer is incorrect
   Score: 1
   Accepted Answer:
   - is inversely proportional to the altitude of a particular place

8) The correct statement(s) amongst the following is
   - Protein fibres generally have higher UVP than cellulose fibres
   - Cellulose fibres generally have higher UVP than protein fibres
   - Polyester fibres have higher UVP than cellulose fibres
   - Cellulose fibres have higher UVP than polyester fibres
   - No, the answer is incorrect
   Score: 1
   Accepted Answer:
   - Protein fibres generally have higher UVP than cellulose fibres

9) UVP increases with
   - Decrease in Porosity
   - Increase in Porosity
   - Increase in fabric weight
   - Decrease in fabric weight
   - No, the answer is incorrect
   Score: 1
   Accepted Answer:
   - Decrease in Porosity

10) Which among the following fibres has the highest UVP?
   - Polyester
   - Raw Cotton
   - Viscose
   - Bleached cotton
   - No, the answer is incorrect
   Score: 1
   Accepted Answer:
   - Polyester