QUIZ: TISSUES-I

1. Write the correct answer from the basket to match with

Stomata	Suberin	Cutin	Trichromes	Tracheid	Collenchyma
				& Vessel	
Phloem	Sclerenchyma	Parenchyma	Bidirectional	Xylem	Aerenchyma

- (a) Flexibility
- (b) Large air spaces
- (c) Meristematic activity
- (d) Thick lignified cell walls
- (e) Complex permanent tissue
- (f) Companion cells
- (g) Conduction of water and minerals
- (h) Phloem transport
- (i) Long hair like structures
- (j) Chemical substance with water proof quality
- (k) Cork tissue
- (l) Transpiration

2. Which of the following is an example for biologically active (living) cell

- (i) Tracheid (ii) Companion cell
- (iii) Vessel (iv) Parenchyma
- (v) Fibre (vi) Meristematic cell
- (a) (i), (iii), (v)
- (b) (ii), (iv), (vi)
- (c) (i), (ii), (iii)
- (d) (iv), (v), (vi)

3. Which of the following cell is capable of dividing?

- (a) Tracheid
- (b) Meristematic cell
- (c) Xylem vessel
- (d) Fibre

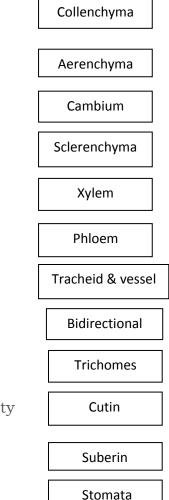
4. Which of the following tissue is capable of performing photosynthesis?

- (a) Aerenchyma
- (b) Sclerenchyma
- (c) Chlorenchyma
- (d) Cork
- **5.** Which of the following meristem is also known as secondary meristem?
- (a) Shoot apical meristem
- (b) Root apical meristem
- (c) Intercalary meristem
- (d) Cambium

Answers:

1.

- (a) Flexibility
- (b) Large air spaces
- (c) Meristematic activity
- (d) Thick lignified cell walls
- (e) Complex permanent tissue
- (f) Companion cells
- (g) Conduction of water and minerals
- (h) Phloem transport
- (i) Long hair like structures
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- 2. (b)
- 3. (b)
- 4. (c) 5. (d)