

TALEEMI DUNYA

Test Syllabus: Unit # 16

St. Name		Test	Biology	T. Marks	30	Time	60 Min
F.Name		Class	12 th	T. Code	U#16	T. Date	

NOTE: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that Question with Marker or Pen ink. Cutting or filling two or more circles will result in zero mark in that question. **6x1=6.**

1	Bone dissolving cells are called:						
(a)	Osteoblasts	(b)	Stem cells	(c)	Osteocytes	(d)	Osteoclasts
2	Number of cervical vertebrae in a male camel (mammal)						
(a)	7	(b)	11	(c)	no definite number	(d)	varied with size of neck
3	The heartwood accumulates the chemicals:						
(a)	Cellulose	(b)	Abcisins	(c)	Chitin	(d)	Resins
4	A bone which connect scapula with sternum:						
(a)	Humerus	(b)	Ischium	(c)	Pubis	(d)	Clavicle
5	Which of these are long, Cylindrical and exist as bundle caps?						
(a)	Sclereids	(b)	Vessels	(c)	Trachea	(d)	Tracheids
6	An increase in plant girth due to activity of vascular cambium is called:						
(a)	Primary growth	(b)	Open growth	(c)	Secondary growth	(d)	Tertiary growth

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Q.2 Write short answers of the following questions.

(6x2=12)

1. Explain haptanastic movements by giving an example.
2. What is rickets? Give its causes and cure.
3. Differentiate between sclerenchyma and collenchyma cells.
4. What is turgor pressure?.
5. Write about two types of nastic movements.
6. What is axial skeleton?

Q.3 Answers of the following briefly.

(6+6=12)

1. Explain the role of Ca⁺⁺ ions in sliding filament model.
2. Describe the contraction of sarcomere as initiated by nerve impulse.