	Utech
Name :	A
Roll No.:	A demonstration and trademal
Invigilator's Signature :	

CS/B.OPTM/SEM-1/BO-103/2012-13 2012 ANATOMY (GENERAL)

Time Allotted: 3 Hours Full Marks: 70

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

GROUP – A (Multiple Choice Type Questions)

(Maintple choice Type guestions)							
1.	Cho	noose the correct alternatives of the following: $10 \times 1 = 10$					0
	i)	•••••	is a pneumatic bone				
		a)	Sphenoid	b)	Femur		
		c)	Ulna	d)	Clavicle.		
	ii)	The epithelium of the cornea is					
		a)	Columnar keratinised				
		b)	Columnar non-keratinised				
		c)	Stratified Squamous, keratinised				
		d)	d) Stratified Squamous non-keratinised.				

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iii)	Chro	omosomes are present i	n	Guado
	a)	Cell Wall	b)	Nucleus
	c)	Cytoplasm	d)	All of these.
iv)	The	store house of energy is	8	
	a)	Nucleus	b)	Lysosome
	c)	Golgibody	d)	Mitochondria
v)	Nun	nber of chromatids after	meio	osis I is
	a)	92	b)	46
	c)	23	d)	12.
vi)	Villi	is present in		
	a)	Lungs	b)	Intestine
	c)	Epididymis	d)	Ureter.
vii)	End	omysium encloses		
	a)	muscle fibre	b)	muscle
	c)	myofibril	d)	I band.
viii)		type of joint between bone is	epip	hysis and diaphysis of
	a)	synovial	b)	symphysis
	c)	fibrous	d)	synchondrosis.



- ix) Example of synovial joint is
 - a) suture

- b) hip joint
- c) radio-ulrar joint
- d) tibio-fibular joint.

- x) Mandible is
 - a) cranial bone
- b) flat bone
- c) facial bone
- d) long bone.

GROUP - B

(Short Answer Type Questions)

Write short notes on any *three* of the following. $3 \times 5 = 15$

- 2. Cartilage.
- 3. Cornea
- 4. Mitochondria.
- 5. Paranasal Sinuses.

GROUP - C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

6. What are the different types of connective tissue cells ? Describe briefly their structure and distribution with suitable diagrams. 5 = 10

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- 7. Describe Planes of the body. Explain different anatomical directions. What are the cavities of human body.
- 8. What is chromosome? Describe its structure and Chemical composition. What are "deletion" and "translocation?"

1 + 10 + 4

9. Define synovial joint. Describe the classification of synovial joint. Write the lubricating factors and stabiling factors of the joint. 1+8+3+3

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