	Utech
Name:	
Roll No.:	To State of Exemples and Explana
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)

(
1.	Cho	oose t	he correct alternatives o	of the	following:	10 × 1 = 10
	i)	is a pneumatic bone				
		a)	Sphenoid	b)	Femur	
		c)	Ulna	d)	Clavicle.	
	ii) The epithelium of the cornea is					
		a)	Columnar keratinised			
		b)	b) Columnar non-keratinised			
		c)	Stratified Squamous, keratinised			
		d)	Stratified Squamous non-keratinised.			
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CS/B.OPTM/SEM-1/BO-103/2012-13 Chromosomes are present in iii) Nucleus Cell Wall b) a) All of these. c) Cytoplasm d) The store house of energy is iv) Nucleus Lysosome a) b) Golgibody Mitochondria c) d) Number of chromatids after meiosis I is v) 92 b) 46 a)

vii) Endomysium encloses

Epididymis

Villi is present in

Lungs

23

c)

a)

c)

vi)

- a) muscle fibre
- b) muscle

d)

b)

d)

12.

Intestine

Ureter.

- c) myofibril
- d) I band.
- viii) The type of joint between epiphysis and diaphysis of long bone is

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- a) synovial
- b) symphysis

- c) fibrous
- d) synchondrosis.

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- 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.

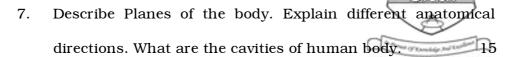
GROUP - C

(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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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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