	(Pages : 4)		1723
Name :			
Firs		gree Examination, Ap UMAN ANATOMY	
Time: 3 Hours			Max. Marks: 100
Instructions :	2) Illustrate your3) MCQ answerParts.	A and Part B in separa answer with suitable of sheets to be attached a eets to be returned at th	diagrams. along with appropriate
		PART – A	
(General A	natomy, General	Embryology, Osteolog	y and Genetics)
I. Name the paranas sinus in detail.	sal air sinuses specit	ying their openings. Des	cribe the maxillary air (4+6=10)
II. Name the types of	of cartilages. Descri	oe hyaline cartilage givii	ng the sites of occurrence. $(3+5+2=10)$
III. Describe the pro	cess of spermatoger	nesis. Draw a labelled di	agram of sperm. 5
IV. Briefly describe	the hyoid bone.		5
V. Define karyo typ	ing. Add a note on	the procedure used and s	significance. 5
VI. Multiple choice of	questions:		15
	er against the best retain carries 1 mark.	sponse and attatch the s	heet to Part A answer
A) Inferior or		es with pterygopalatine f B) Superior orbit D) Pterygo maxil	al Fissure
2) Epithelium linA) Simple cuC) Simple sq		B) Simple columnD) Statified square	
·	ondition having 45, yndrome	XO pattern of chromos B) Klienfelters sy D) Down's syndi	omes is endrome



4) Embryo enters the uterine cavity at stage of					
	A) Morula	B) Gastrula	C)	Neurula	D) Blastocyst
5)	Average motility of s	sperm is		MM/Mt	
	A) 0–1	B) 2–3	C)	4–5	D) 5–6
6)	Largest cell in sperma	atogenesis is			
	A) Spermatid		B)	Spermatogon	ia
	C) Spermatozoon		D)	Primary speri	matocyte
7)	The following structu	ires pass through	sup	erior orbital fi	ssure EXCEPT
	A) Lacrimal nerve			Frontal nerve	
	C) Superior ophthalm	nic vein	D)	Infra orbital n	ierve
8) Anterior fontanellae fuses at					
	A) 6 Months	B) 1 Year	C)	$1\frac{1}{2}$ Years	D) 2 Years
9)	Muscle hooking ptery	goid hamulus is			
	A) Tensor tympani		B)	Tensor palati	
	C) Levator palati		D)	Stapedius	
10)	Umbilical cord at terr	n contains			
10)	A) One artery and or		B)	Two veins an	d one artery
	C) Two arteries and			Two arteries	_
11\	,				
11)	Urogenital system de A) Extraembryonic	evelops from		Paraxial	51111.
	C) Intermediate			Lateral plate	
12)	Buccopharyngeal me	mbrane is derive		•	
12)	A) Cloacal membran			Primitive stream	ak
	C) Prochordal plate	C		Notochord	шх
13)	Which gland exhibits holocrine secretion				
13)	A) Sweat gland	notocrine secreti		Sebaceous gl	and
	C) Mammary gland			Prostate Prostate	una
14)	The following are exa	amples of fibrous			
17)	A) Sutures	amples of Horous	·	Symphysis	
	C) Syndesmosis			Gomphosis	
15)	•	is a part of the fo		-	
13)	The tegmen tympani A) Frontal	B) Temporal		Parietal	D) Occipital
	11/ 110111111	2) Temperar	\sim	<u>. u.i.u.i</u>	D) Occipitat



PART – B

		(Head and Neck,	Brain, Special	Embryology and	histology)
VII.	. Describe the thyroid gland under the following headings:				
	a)	a) Capsule			
	b) Position and relations				
	c) Blood supply				
	d)	Applied anatomy			
	e)	Microscopic structure.			(1+3+2+2+2=10
/III.					(5+5=10
IX.	Describe the development of face.				
X.	Write briefly on third ventricle of brain.				
XI.	Describe the origin, course and branches of facial artery.				
XII.	Mı	ultiple choice questions	:		1:
	Encircle the letter against the best response and attatch the sheet to Part B answer book. Each quesiton carries 1 mark.				
	1) Subcapsular sinus is present in the section of				
		A) Spleen	B) Thymus	C) Lymph node	D) Tonsil
2) Taste sensations from posterior $\frac{1}{3}$ of tongue are carried through which ner				through which nerve,	
		A) Glossopharyngeal	, -	B) Chorda tympa	ni
		C) Lingual		D) Vagus	
	3)	Tympanic membrane d	-	D) D 1 1	
		A) Ectoderm and endodermC) All three germ layers		B) Ectoderm aloneD) Endoderm and mesoderm	
4) Trachea bifurcates a			cis D) Endoderni and mes		i mesoderm
	'/		B) $T_5 - T_6$	C) $T_6 - T_7$	D) T ₇ – T ₈
	5)	Nerve supplying super			, 0
		A) Trochlear	B) Abducent	C) Oculomotor	D) Facial
	6)	Which of the following	g gives rise to m		
		A) Copula C) Tuberculum imper		B) Occipital myo	
		C) Tuberculum impar		D) Dorsal tongue	buus



7)	Functional area NOT supplied by middle cerebral artery is				
	A) Brocas area		B) Visual		
	C) Auditory		D) Frotal eye fiel	d	
8)	Attatchments of sternocleido mastoid are the following EXCEPT				
	A) Medial $\frac{1}{3}$ of clavi	icle	B) Manubrium st	erni	
	C) Mastoid process		D) First costal ca	rtilage	
9)	A coronal section of ceshows the following EA) TapetumB) Tail of caudate nucC) Calcarine sulcusD) Forceps major	XCEPT	evel of posterior ho	orn of lateral ventricle	
10) In adults filum terminale of spinal cord ends at the level of				of	
	A) L _I		B) L ₅		
	C) S ₃		D) Dorsum of co	оссух	
11)	Boundaries of suboccipA) Rectus capitus posB) Obliqus capitus suC) Obliqus capitus infD) Longissimus capitus	sterior major perior ferior	the following EXO	CEPT	
12)	Charcots artery of cere	ebral haemorrha	ge belongs to whic	ch striate group?	
	A) Anteromedial		B) Antero lateral		
	C) Postero medial		D) Postero latera	1	
13)	Purkinge cells are seen	in			
	A) Cerebrum		B) Spinal cord		
	C) Cerebellum		D) Retina		
14)	Artery NOT included iA) Anterior cerebralB) Middle cerebralC) Posterior cerebralD) Posterior communication		of circle of Willis	is	
15)	Hassal's corpuscles are	e seen in			
	A) Throid	B) Thymus	C) Spleen	D) Tonsil	