

# Benha University Faculty of Veterinary Medicine Histology Department





#### HISTOLOGY Exam for 1st year 1st Semester

い January 2019

Time Allowed:- 2 hours

#### **Group A**

<u>A</u>				Total	<u>(15 Marks)</u>	
Choose the correc	t answer and writ	e it ONLY o	<u>down in your</u>	<u>bubble sheat</u>	<u>h:</u> (½ Mark each)	
1-Non membrance	ous Organelles a	re in			number.	
A- Two	B- Three		C- Four		D- Five.	
2-Pigments are						
A- Exogenous						
3is co	mposed of 2 laye	er of dense	protein in be	etween prese	nt phospholipids	
A-Nucleus	B- Cell Memb	orane	C-Lysosome	es D- I	Filaments.	
4-Supra vital dye	of Janus can det	ect			green color"	
A-Nucleus	B- Cell Memb	orane	C-Lysosome	es D- l	Mitochondria.	
5 are tiny sa	ncs filled with en	zymes tha	t enable the c	ell to utilize	its nutrients.	
A-Nucleus	B- Cell Memb	orane	C-Lysosome	es D- l	Mitochondria.	
6-Three dimension	n network of bra	nching &	anastomosin	g membrane:	is	
A- S.E.R	B-R.E.R		C-a&t	D- No	ne of them.	
7-Small dark bod	y surrounded wit	th clear da	rk zone		•••••	
A-Nucleus	B- Cell Memb	orane	C- microcen	trum D	- Mitochondria.	
8-13 rod shape co	emponent termed	protofilan	nent is			
A- Ribosomes		B- Cilia	(	C-Lysosome	s D-	
Microtubule.						
9-The secretory product leave the cells including the cell it self is						
A- Merocrine	B- Apocrine	C- Holoc	erine	D- None	of Them.	
10-Membrane bo	unded cytoplasm	ic organel	les very simi	lar to lysoso:	me is	
	B- C					
11- Neurofilamer	-					
A-Muscle cell	B- ner	ve cell		C- A&B	D-None of	
them.						
			the	space	of the	
nucleus						
A- Karyolymph	B- nucleopla	ısm	C- nuclea			
13-Nine doublets	_					
A- Ribosomes		B- Cilia	(	C-Lysosome	s D-	
Microtubule.						
14-Membranous			devoid	of	ribosome	
is				_		
A- S.E.R					None of them.	
15Aggregation of election dense granules which is Large, rosette shape in (liver)						



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A- Alpha form B- Beta form C- A&B D- None of Them.							
16-Peripheral chromatin, Nucleolus associated chromatin Chromatin island is							
A- Heterochromatin B- Euchromatin C- A&B. D- None of Them.							
17-The secretory product leaves the cell with part of its apical cytoplasm is							
A- Merocrine B- Apocrine C- Holocrine D- None of Them.							
18-The lysosome are the freshly formed secretory vesicle contain hydrolytic enzyme							
is							
A- primary lysosome B- Secondary lysosome C- tertiary lysosome D- None of							
them.							
19-Basophilic mass more shinny than other structure is							
A- Nucleolus B- Nucleus C- Nuclear envelope D- None of							
them.							
20-The secretory product is released through cell membrane is							
A- Merocrine B- Apocrine C- Holocrine D- None of Them.							
21-Intestinal gland type is							
A-Simple coiled tubular B-Simple alveolar C- simple tubular D-Simple branched alveolar							
22-It is organelle responsible for dividing cell except nerve cell and R.B.Cs							
A-Nucleus B- Centriole C-Lysosomes D- Mitochondria.							
23-Lipofuchsin is							
A- Exogenous B- Endogenous C- A&B D- None of them.							
24is the division of the cytoplasm into two individual cells.							
A- Cytokinesis B- Telophase C- Anaphase D- Metaphase.							
25-The main stages of the cell cycle are							
A- gap 1 B- gap 2 C- mitosis D- All of them.							
26-Pars granulosa is							
A- granular RNA B- Pars fibrosa C- filament RNA D- All of them.							
27-Junctional complex is formed from							
A- Zonula occuludens B- Zonula adherence C- desmesomes D- All of them.							
28 consists of carbohydrate and protein In the surface of the							
absorptive cell of small intestine							
A- Glycocalyx B-Cilia C- Nucleus D- Microfilaments.							
29-Cytoskeleton formed from							
A- Microtubules B- Intermediate filaments C- Micro filament D- All of							
them.							
30-"Post Office" of the cell is							
A-Nucleus B- Cell Membrane C-Lysosomes D- G.A.							



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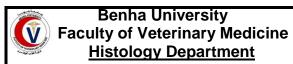
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		GOOD LOCK.	i ioi. Di/ Liiab Lizogiiby







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