

Name :

Form (E)

الثلاثاء ٨ - ١١

ID No :

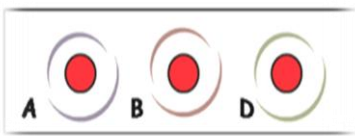
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A- Examine Samples in front of you ; Name it then fill boxes with number of correct answer from the choices below :- 34 Mrks

Sample Name	Correct answers	Choices
1) Cross Section of Lymph node 1 1 1 1	3 13 <input type="checkbox"/> <input type="checkbox"/> 2 = 6 Mrks	1) Divided into two layers . 2) Cell bodies .
2) Cross Section of Spleen Indicator poited to White pulp which have	9 <input type="checkbox"/> 6 Mrks	3) Aggregated in particular sites such as the neck . 4) Midbrain .
3) Model of Mammalian skin	1 7 10 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 6 Mrks	5) Dendrites . 6) Pons .
4) Indicator poited to : Brain stem which Consists of	4 6 11 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 5 Mrks	7) Epidermis . 8) Central veins .
5) Vertical section of Adrinal gland which have	8 <input type="checkbox"/> 5 Mrks	9) Central arteriole . 10) Dermis .
6) Smear of Nerve cells which Composed of	2 5 12 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 6 Mrks	11) Medulla . 12) Axons . 13) Bean-shaped structures .

B- Examine the picture in front of you then; fill box with number of correct answer from the choices below :- 14 Mrks

Name of the experiment	correct answer	The Choices
 <p>Determining of blood type and Rizaus factor (RH) 1 1 1 1 4 Mrks</p>	<p align="center">10 Mrks</p> <p>11 3 6 13 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> steps</p> <p>1 10 <input type="checkbox"/> <input type="checkbox"/> Observation</p> <p>5 7 9 12 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Result</p>	<ol style="list-style-type: none"> -ve result if the blood drop appear normal. Watch some types of blood cells of different (red blood cells & white blood cells). Put one drop of blood in front of each letter of the three letters on the glass slide. Leave the slide to dry. If the clumping of blood by Anti B only, it is group B Put one drop of Anti A on the blood of the litter A, and a drop of Anti B on the blood with litter B and a drop of Anti D on the third blood drop with the litter D. The blood of the species to be AB if the clumping formed in both A and B . put a pin in vertical position in the middle of a drop of blood. If the clumping of blood by Anti A only , it is group A. +ve result if the blood drop clumped (agglutinated) Get a clean glass slide and write the letters A, B,D . The blood of the species is O if there is no clumping in front of A and B . We are moved every drop with wooden stick or moving the slide in a circular way. Add Leishman staining about 10 to 15 drops and leave it for 10-15 minutes .

Name :

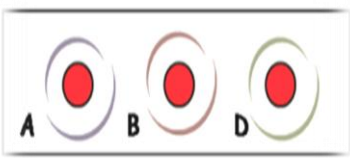
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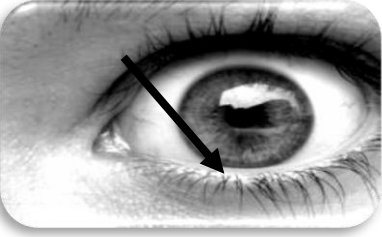
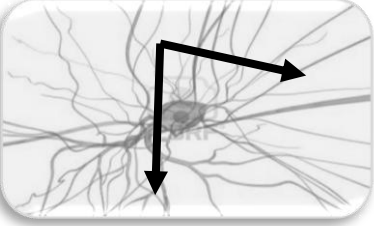
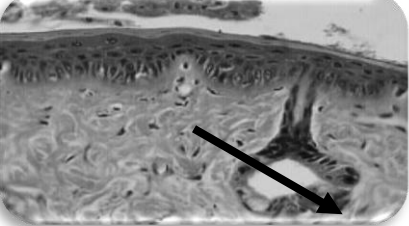
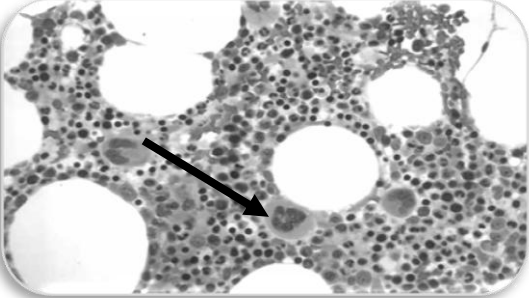
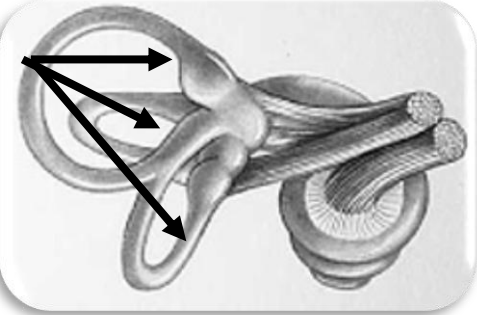
A - Examine Samples in front of you ; Name it then fill boxes with number of correct answer from the choices below :-

Sample Name	Correct answers	Choices
1) of	<input type="checkbox"/> <input type="checkbox"/>	1) Divided into two layers . 2) Cell bodies . 3) Aggregated in particular sites such as the neck . 4) Midbrain . 5) Dendrites . 6) Pons . 7) Epidermis . 8) Central veins . 9) Central arteriole. 10) Dermis . 11) Medulla . 12) Axons . 13) Bean-shaped structures .
2) of Indicator poited to which have	<input type="checkbox"/>	
3) of	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
4) Indicator poited to : which Consists of	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
5) of which have	<input type="checkbox"/>	
6) of which Composed of	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

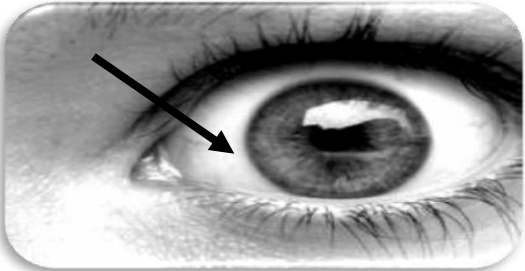
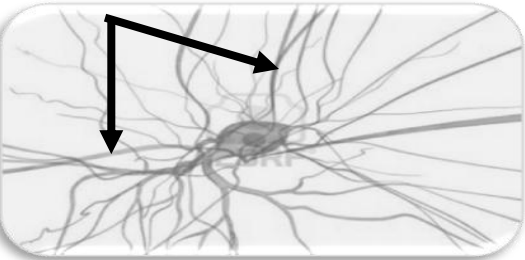
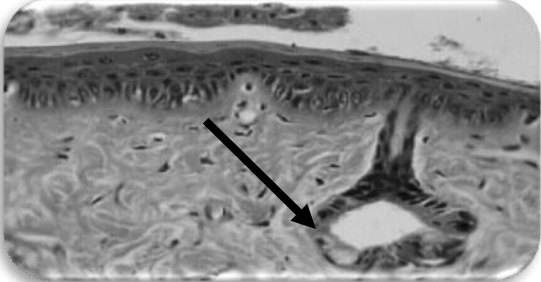
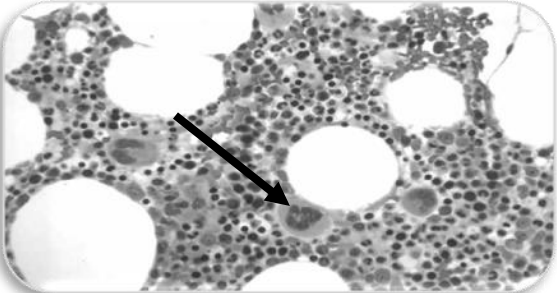
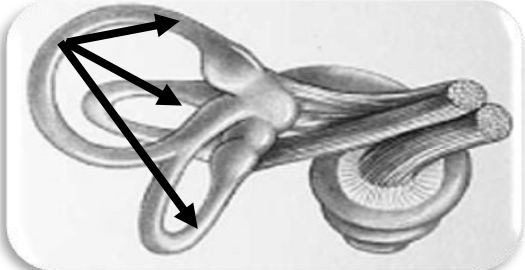
B - Examine the picture in front of you then; fill box with number of correct answer from choices below

Name of the experiment	correct answer	The Choices
 <p>.....</p> <p>.....</p> <p>.....</p>	<p><input type="checkbox"/> <input type="checkbox"/></p> <p><input type="checkbox"/> <input type="checkbox"/></p> <p align="center">steps</p> <p><input type="checkbox"/> <input type="checkbox"/></p> <p align="center">Observation</p> <p><input type="checkbox"/> <input type="checkbox"/></p> <p><input type="checkbox"/> <input type="checkbox"/></p> <p align="center">Result</p>	<ol style="list-style-type: none"> -ve result if the blood drop appear normal. Watch some types of blood cells of different (red blood cells & white blood cells). Put one drop of blood in front of each letter of the three letters on the glass slide. Leave the slide to dry. If the clumping of blood by Anti B only, it is group B Put one drop of Anti A on the blood of the litterA, and a drop of Anti B on the blood with litter B and a drop of Anti D on the third blood drop with the litter D. The blood of the species to be AB if the clumping formed in both A and B . put a pin in vertical position in the middle of a drop of blood. If the clumping of blood by Anti A only , it is group A. +ve result if the blood drop clumped (agglutinated) Get a clean glass slide and write the letters A, B,D . The blood of the species is O if there is no clumping in front of A and B . We are moved every drop with wooden stick or moving the slide in a circular way. Add Leishman staining about 10 to 15 drops and leave it for 10-15 minutes .

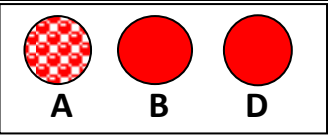
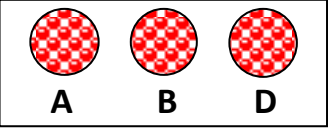
C- Name organ pointed by the arrow; Identify location of each; then match the right function with the right figure :- **24 Mrks**

	Organ's Name & location	Function	1
	Sclera 1 OF Human eye 2 4 Mrks	A- Produce platelets	(C)
	Dendrites OF Nerve cell 4 Mrks	B- Organ of balance	(D)
	Mucous gland OF Frog skin 5 Mrks	C- protection	(E)
	Megacaryocyte OF Hman Bone marrow 5 Mrks	D- Receive chemical message from other nerve cell	(A)
	Semicircular canals OF Inner human ear 6 Mrks	E- Keep skin moist And permeablefor	(B)

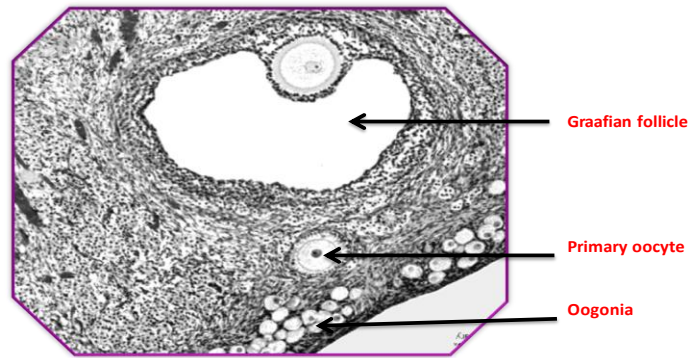
C - Name organ pointed by the arrow; Identify location of each; then match the right function with the right figure :-

	Organ's Name & location	Function	
	<p>..... OF</p>	<p>C- Produce platelets</p>	<p>()</p>
	<p>..... OF</p>	<p>D- Organ of balance</p>	<p>()</p>
	<p>..... OF</p>	<p>E- protection</p>	<p>()</p>
	<p>..... OF</p>	<p>D- Receive chemical message from other nerve cell</p>	<p>()</p>
	<p>..... OF</p>	<p>E- Keep skin moist And permeablefor</p>	<p>()</p>

D - Complete the missing information :- **10 Mrks**

ABO Blood Type	Antigen & Antibody presence	Blood Type	Antigen & Antibody Type
	<p>3 4 2</p> <p>5 Mrks</p>	A⁻	<p>1) Antigen - B</p> <p>2) Antibody - RH</p> <p>3) Antigen - A</p>
	<p>3 1 5</p> <p>5 Mrks</p>	AB⁺	<p>4) Antibody - B</p> <p>5) Antigen - RH</p> <p>6) Antibody - A</p>

E - Identify the structure below then write the data indicated by the arrow :- **6 Mrks**

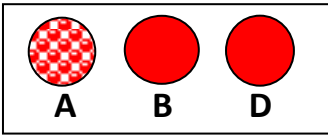
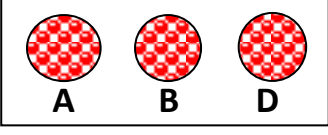


Cross section of Ovary

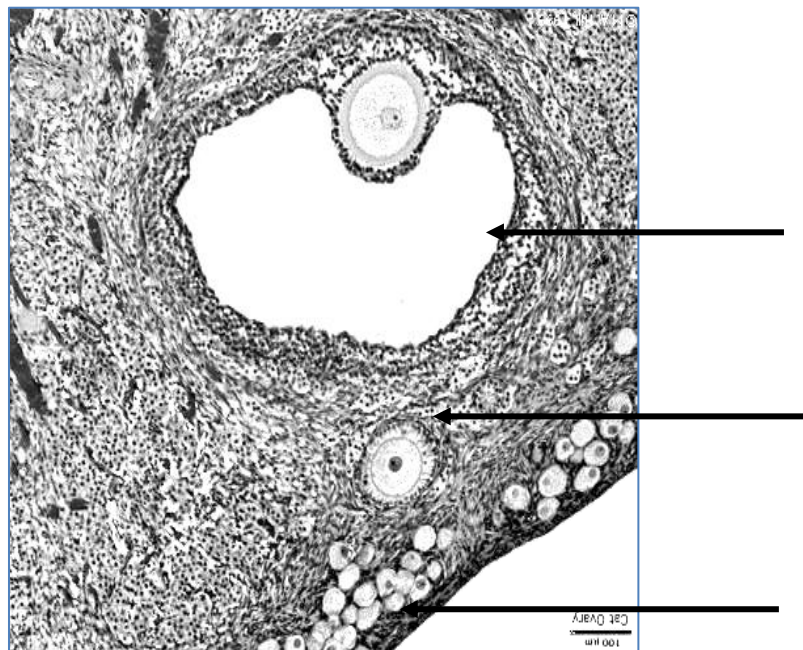
F- As you study in behavior lab complete the box below :- **12 Mrks**

Scientist's Name	Type of Behavior	Animal	Pattern of Behavior
Skinner	Learned behavior 1	Rats 1	Operant Conditioning 4 Mrks 1 1
	Innate behavior 1	Ants	Nest-bulding behavior 3 Mrks 1 1
Konrad Loran	Learned behavior 1	Young ducks 1	Imprinting Behavior 5 Mrks 1

D - Complete the missing information :-

ABO Blood Type	Antigen & Antibody Presence	Blood Type	Antigen & Antibody Type
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		1) Antigen – B 2) Antibody - RH 3) Antigen - A 4) Antibody – B 5) Antigen – RH 6) Antibody - A
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		

E - Identify the structure below then write the data indicated by the arrow :-



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F- As you study in behavior lab complete the box below :-

Scientist's Name	Type of Behavior	Animal	Pattern of Behavior
Skinner
	Ants
.....	Imprinting Behavior