

TRANSPORT

Biology F.Sc. Part-I

1.	Whi	ch of the following processes of	loes n	eed energy?
	(A)	Diffusion	(B)	Facilitated diffusion
	(C)	Osmosis	(D)	Active transport
2.	The	movement of minerals or water	er thr	ough plasomdesmata is called:
	(A)	Symplast	(B)	Apoplast
	(C)	Vascular	(D)	None the above
3.	The	movement of minerals or water	er thr	ough extracellular pathway is called:
	(A)	Symplast	(B)	Apoplast
	(C)	Vascular	(D)	None the above
4.	The	membrane of vacuole is called	l:	
	(A)	Plasma membrane	(B)	Tonoplast
	(C)	Epidermis	(D)	None of the above
5.	Casj	parian strips are present in:		
	(A)	Epidermis	(B)	Endodermis
	(C)	Cortex	(D)	Vascular bundle
6.	The	total kinetic energy of the wat	ter mo	olecules is called:
	(A)	Water potential	(B)	Pressure potential
	(C)	Osmotic potential	(D)	None of the above
7.	The calle		st ag	ainst the cell wall of the plant cells is
	(A)	Water potential	(B)	Pressure potential
	(C)	Osmotic potential	(D)	None of the above

8.	The upward movement of sap through the xylem is:			
	(A)	Ascent of sap	(B)	Plasmolysis
	(C)	Deplasmolysis	(D)	Guttation
9.	Whi	ch of the followings is mismate	hed f	for ascent of sap?
	(A)	Cohesion tension	(B)	Water potential
	(C)	Root pressure	(D)	Imbibition
10.	The	attraction between the water i	nolec	ules and cell wall of xylem is called:
	(A)	Cohesion	(B)	Tension
	(C)	Adhesion	(D)	None of above
11.	The	attraction among the water m	olecu	les is:
	(A)	Cohesion	(B)	Tension
	(C)	Adhesion	(D)	None of above
12.	The	evaporation of water from the	aeria	al parts of the plants is called:
	(A)	Ascent of sap	(B)	Plasmolysis
	(C)	Deplasmolysis	(D)	Plasmolysis
13.	The	loss of liquid through the hyda	athod	es is called:
	(A)	Ascent of sap	(B)	Plasmolysis
	(C)	Deplasmolysis	(D)	Guttation
14.	The	absorption of water by a comp	ound	l without dissolving in it is called:
	(A)	Ascent of sap	(B)	Plasmolysis
	(C)	Imbibition	(D)	Guttation
15.	The	flow of sap from cut plants is:		
	(A)	Bleeding	(B)	Plasmolysis
	(C)	Imbibition	(D)	Guttation
16.	Whi	ch of the following transpirati	ons is	90% of the total transpiration?
	(A)	Cuticular	(B)	Lenticular
	(C)	Stomatal	(D)	None of above
17.	Star	ch sugar hypothesis was propo	sed b	y:
	(A)	Dixon	(B)	Mohi
	(C)	Sanger	(D)	Drebs

18.	Which of the following elements has role in the opening and closi stomata:			role in the opening and closing of
	(A)	K	(B)	Mg
	(C)	Cu	(D)	Fe
19.	The	hormone which is involved in	the o	pening and closing of stomata is:
	(A)	Citric acid	(B)	Oxaloacetic acid
	(C)	Abscisic acid	(D)	None of above
20.	The	stomata are closed at tempera	ture	(in centigrade):
	(A)	35	(B)	45
	(C)	25	(D)	15
21.	Whi	ch of the following cells is abso	ent in	the phloem?
	(A)	Companion cell	(B)	Sieve tube members
	(C)	Vessels	(D)	Parenchyma
22.	Whi	ch of the followings cannot be	come	sink during translocation?
	(A)	Root	(B)	Fruits
	(C)	Stem	(D)	Leaves
23.	Pres	sure flow theory was proposed	l by:	
	(A)	Dixon	(B)	Mohl
	(C)	Sanger	(D)	Munch
24.	Inte	stinal coeca are present in:		
	(A)	Hydra	(B)	Planarian
	(C)	Cockroach	(D)	None the above
25.	Whi	ch of the followings is irreleva	nt for	the circulatory system of cockroach?
	(A)	Heart	(B)	Ventral Blood vessel
	(C)	Aorta	(D)	Dorsal blood vessel
26.	Nun	nber of hearts in earthworm a	re:	
	(A)	5	(B)	6
	(C)	7	(D)	8

27.	Which of the following arteries supply blood to heart muscles?			
	(A)	Pulmonary	(B)	Coronary
	(C)	Systemic	(D)	None the above
28.	The	proximal swollen part of the h	eart	of fish is:
	(A)	Sinus venous	(B)	Atrium
	(C)	Ventricle	(D)	Conus arteriosus
29.	Whi	ich of the followings is irreleva	nt for	the heart of amphibians?
	(A)	Right auricle	(B)	Truncus arteriosus
	(C)	Right ventricle	(D)	Sinus venosus
30.	The	vein which brings back blood	from	all the body is:
	(A)	Pulmonary	(B)	Systemic
	(C)	Precavel / Postcavel	(D)	None the above
31.	The	percentage of plasma in the bl	lood i	s:
	(A)	45	(B)	50
	(C)	55	(D)	65
32.	The	pH of blood is:		
	(A)	6.4	(B)	7
	(C)	7.4	(D)	8.4
33.		ich of the following proteins hesis?	acts	as catalyst in the process of protein
	(A)	Antibodies	(B)	Prothrombin
	(C)	Fibrinogen	(D)	None the above
34.	Whi	ich of the following is mismatch	hed ir	the followings about RBC?
	(A)	Haemoglobin	(B)	Bone marrow
	(C)	Transport of oxygen	(D)	Fibrinogen
35.	Whi	ich of the followings is not gran	nuloc	yte?
	(A)	Neutrophils	(B)	Eosinophils
	(C)	Basophils	(D)	Monocytes
36.	Whi	ich of the following RBCs destr	roy th	e small particles by phagocytosis?
	(A)	Neutrophils	(B)	Eosinophil
	(C)	Basophil	(D)	Monocyte

37.	Which of the following compounds destroy the nucleic acid of the invorganism?			stroy the nucleic acid of the invading
	(A)	Fibrinogen	(B)	Interferon
	(C)	Heparin	(D)	Histamine
38.	Mat	ch platelets with one of the fol	lowin	gs:
	(A)	Fibrinogen	(B)	Interferon
	(C)	Heparin	(D)	Histamine
39.	Mai	ntaining of the internal condit	ion co	onstant is:
	(A)	Buffer	(B)	Homeostasis
	(C)	Osmoregulation	(D)	None the above
40.	Mat	ch leucaemia with one of the f	ollow	ings:
	(A)	RBC	(B)	WBC
	(C)	Platelets	(D)	Interferon
41.	The	chemical which maintain the	acid b	pase concentration is:
	(A)	Buffer	(B)	Homeostasis
	(C)	Osmoregulation	(D)	None the above
42.	Mat	ch thalassaemia with one of th	e foll	owings:
	(A)	RBC	(B)	WBC
	(C)	Platelets	(D)	Interferon
43.	Mat	ch microcytes with one of the	follov	vings:
	(A)	RBC	(B)	WBC
	(C)	Platelets	(D)	Interferon
44.	The	presence of excessive fluid in	the tis	ssue is:
	(A)	Thalasseamia	(B)	Oedma
	(C)	Spleeenomegaly	(D)	Leuceamia
45.	The	cardiac muscles are:		
	(A)	Epicardium	(B)	Myocardium
	(C)	Endocardium	(D)	None the above
46.	The	fibrous chords in the heart ar	e:	
	(A)	Papillary muscle	(B)	Tricusopid valve
	(C)	Choradae tendinae	(D)	Bicuspid valve

47.	Match semi lunar valve with one of the following:			
	(A)	Right auricle	(B)	Right ventricle
	(C)	Pulmonary trunk	(D)	Left auricle
48.	The	muscles present inside the ven	tricle	are:
	(A)	Cardiac muscle	(B)	Smooth muscles
	(C)	Papillary muscles	(D)	Skeletal muscles
49.	Whi	ch of the followings is the larg	est ar	tery?
	(A)	Coronary	(B)	Aorta
	(C)	Iliac	(D)	Vena cava
50.	The	artery which supples blood to	leg is	:
	(A)	Coronary	(B)	Aorta
	(C)	Iliac	(D)	Femoral
51.	Whi	ch of the followings supply blo	od to	liver?
	(A)	Renal vein	(B)	Hepatic portal
	(C)	Hepatic vein	(D)	Hepatic artery
52.	Inte	rclated discs are present in:		
	(A)	Vein	(B)	Artery
	(C)	Heart	(D)	Kidney
53.	Whi	ch of the followings brings blo	od fo	rm liver?
	(A)	Renal vein	(B)	Hepatic portal
	(C)	Hepatic vein	(D)	Hepatic artery
54.	Mat	ch cynosis with one of the follo	wing	s:
	(A)	ECG	(B)	Artificial pace
	(C)	Blue baby	(D)	SA node
55.	The	recording of electrical potenti	al is:	
	(A)	ECG	(B)	Artificial pace
	(C)	Blue baby	(D)	SA node
56.	Whi	ch of the followings is not pres	ent ir	the wall of artery?
	(A)	Artery	(B)	Vein
	(C)	Capillary	(D)	Heart

57.	Select one of the followings for atherosclerosis:			
	(A)	Artery	(B)	Vein
	(C)	Capillary	(D)	Heart
58.	The	exchange of material takes pla	ace th	rough:
	(A)	Artery	(B)	Vein
	(C)	Capillary	(D)	Heart
59.	Puls	e is felt in:		
	(A)	Artery	(B)	Vein
	(C)	Capillary	(D)	Heart
60.	The	condition of high blood pressu	ıre is	called:
	(A)	Stroke	(B)	Oedma
	(C)	Hypertension	(D)	Myocardial infraction
61.	Mat	ch heart attack with one of the	e follo	owings:
	(A)	Stroke	(B)	Oedma
	(C)	Hypertension	(D)	Myocardial infraction
62.	A pl	ug of blood is called:		
	(A)	Clot	(B)	Bolus
	(C)	Embolus	(D)	Hypertension
63.	Bolu	is on new location is called:		
	(A)	Clot	(B)	Bolus
	(C)	Embolus	(D)	Hypertension
64.	Mat	ch stroke with one of the follow	wings	:
	(A)	Stroke	(B)	Cerebral infraction
	(C)	Hypertension	(D)	Myocardial infraction
65.	Lac	teal is a:		
	(A)	Lymph capillary	(B)	Lymph vessel
	(C)	Lymph trunk	(D)	Lymph node
66.	The	discharge of blood from blood	l vess	els is called:
	(A)	Stroke	(B)	Oedma
	(C)	Hypertension	(D)	Haemorrhage

67.	Lyn	phocytes are present at:		
	(A)	Lymph capillary	(B)	Lymph vessel
	(C)	Lymph trunk	(D)	Lymph node
68.	Mat	ch plasma cells with one of the	follo	wing:
	(A)	T lamphocyte	(B)	B lamphocyte
	(C)	Basophils	(D)	Neutrophils
69.	Whi	ch of the followings is used in	activo	e immunity?
	(A)	Antibody	(B)	Vaccine
	(C)	Antisera	(D)	Antigen
70.	Whi	ch of the followings is used in	passi	ve immunity?
	(A)	Antibody	(B)	Vaccine
	(C)	Antisera	(D)	Antigen
71.	Whi	ch of the followings is not tran	sport	in organisms?
	(A)	The movement of material with	hin th	e body
	(B)	The movement of material form	n insi	de to out the body
	(C)	The movement of material outs	side tl	ne body
	(D)	The movement of material form	n outs	side to inside
72.		ch of the following processes in the body of plants:	s is n	ot involved in transport of material
	(A)	Respiration	(B)	Transportation
	(C)	Photosynthesis	(D)	Reproduction
73.	Whi	ch of the following nutrient a	plant	does not need?
	(A)	Carbon dioxide	(B)	Water
	(C)	Oxygen	(D)	Minerals
74.	Sym	plest pathway is the pathway i	in wh	ich material:
	(A)	Move through the plasmodesm	ata	
	(B)	Move through the spaced betw	een tl	ne cells
	(C)	Move through the tonoplast of	the va	acuole
	(D)	All of the above		

75. Apoplast pathway is the pathway in which martial:

- (A) Move through the plasmodesmata
- **(B)** Move through the spaced between the cells
- **(C)** Move through the tonoplast of the vacuole
- **(D)** All of the above

76. The casparian strips are special structures which are present in the endodermis. These are used to:

- (A) Make the movement materials fast through the endodermis
- (B) Make the movement of materials slow through the endodermis
- (C) Block the movement of materials through the endodermis
- **(D)** None of the above

77. Which of the following processes does not take place during active transport?

- (A) The movement of materials form higher to lower concentration
- **(B)** The movement of materials form lower to higher concentration
- (C) The use of ATP during movement of materials
- **(D)** All of the above

78. Which of the followings is the process of osmosis?

- (A) The movement of materials from higher to lower concentration
- (B) The movement of materials from higher water potential to lower potential
- (C) The movement of material through semi permeable membrane
- (D) All of the above

79. The cytoplasmic strands which extend through the pores in adjacent cells are:

(A) Cell wall

- (B) Plasmodesmata
- (C) Endoplasmic reticulum
- **(D)** Cell skeleton

80. Which of the followings is water potential?

- (A) The change of water potential of a system due to presence of solute molecules
- **(B)** The pressure exerted by the protoplast against the cell wall of the plant cell
- (C) The total kinetic energy of the water molecules
- **(D)** None of the above

Multiple	Choic	ce Questions 2	52		Biology F.Sc. Part-I		
81.	Whi	ch of the followings is osmotic	potei	ntial?			
	(A)	The change of water potential of	e change of water potential of a system due to presence of solute molecules				
	(B)	The pressure exerted by the protoplast against the cell wall of the plant cell					
	(C)) The total kinetic energy of the water molecules					
	(D)	None of the above					
82.	Whi	ch of the followings is pressure	e pote	ential?			
	(A)	The change of water potential of	f a sy	stem due to presence or	f solute molecules		
	(B)	The pressure exerted by the pro	otopla	st against the cell wall	of the plant cell		
	(C)	The total kinetic energy of the	water	molecules			
	(D)	None of the above					
83.	Thei	re are two cells A and B					
	A ce	ll has water potential = –200 k	Pa				
	B ce	ll has water potential = –300 k	Pa, tl	hen find:			
	(A) Water will move form A to B						
	(B)	Water will move form B to A					
	(C)	Water will not move in any dir	ection	1			
	(D)	None of the above					
		solute potential of a cell = -1 its water potential will be:	000 1	«Pa, its pressure pote	ential = 800 kPa,		
	(A)	1800 kPa	(B)	-200 kPa			
	(C)	-1800 kPa	(D)	200 kPa			
		solute potential of a cell = -2 or Solute potential will be:	000, i	its pressure potential	= 1300, then its		
	(A)	-3300	(B)	-700			
	(C)	700	(D)	3300			
86.	The	incipient plasmolysis is a poin	t at w	hich:			
	(A)	Plasmolysis starts	(B)	Plasmolysis stops			

(C) Plasmolysis is fast

(D) Plasmolysis is slow

87. Maximum pressure potential is achieved when a cell is placed in:

(A) Distilled water

(B) Water with low osmotic pressure

(C) Salty water

(D) None of the above

88.	3. Osmoregulation is a mechanism to:						
	(A)	Increase the osmotic pressure					
	(B)	Decrease the osmotic pressure					
	(C)	Make the osmotic pressure con	stant				
	(D)	All the above					
89.	The	forces of attraction between th	ie wa	ter molecule and tracheid water are:			
	(A)	Adhesive forces	(B)	Cohesive forces			
	(C)	Tensile forces	(D)	Electrostatic forces			
90.	The	pulling of one molecule by the	othe	r molecule is:			
	(A)	Adhesive forces	(B)	Cohesive forces			
	(C)	Tensile forces	(D)	Electrostatic forces			
91.	Whi	ch of the followings is not rele	vant t	to cohesion tension theory?			
	(A)	Transpiration	(B)	Adhesion			
	(C)	Diffusion	(D)	Tension			
92.	Hyd	rostatic pressure in xylem is ir	icrea	sed when:			
	(A)	Root pressure is increased	(B)	Root pressure is decreased			
	(C)	Root pressure is static	(D)	All of the above			
93.	Gut	tation is a process in which:					
	(A)	Water is lost from the stomata					
	(B)	Water is lost from the lenticels					
	(C)	Water is lost form secreting glands					
	(D)	Water is lost from root					
94.	The	cause of Guttation is:					
	(A)	Transpiration	(B)	Ascent of sap			
	(C)	Root pressure	(D)	All of the above			
95.	Whi	ch of the following is relevant	to lm	bibition?			
	(A)	It is a process in which a substa	ance a	absorbs water			
	(B)	It is a process in which a substa	ance s	ewells			
	(C)	It is a process in which a substa	ance o	loes not dissolve			
	(D) All of the above						

96.	Which of the followings is not an importance of imbibition?				
	(A)	It helps in the germination of so	eed		
	(B)	It helps in the osmosis of water			
(C) It helps in the ascent of sap					
	(D) It helps in the absorption of water by seed				
97.	Whi	ch of the pressures is responsi	ble fo	r the process of bleeding?	
	(A)	Osmotic pressure	(B)	Solute pressure	
	(C)	Hydrostatic pressure	(D)	Tensile pressure	
98.	Whi	ch of the following transpiration	ons is	most abundant in plants?	
	(A)	Cuticular transpiration	(B)	Lenticular transpiration	
	(C)	Stomatal transpiration	(D)	None of the above	
99.		guard cells have special chara closing of stomata. This chara		tics which help greatly in the opening tic is:	
	(A)	It has thick wall	(B)	It has large size	
	(C)	It has chloroplast	(D)	It has large vacuole	
		•		C	
100.		ch of the followings in not nata?		about the opening and closing` of	
100.			true	about the opening and closing` of	
100.	ston	nata?	true closir	about the opening and closing` of	
100.	ston (A)	Light helps in the opening and K ion are responsible for the opening	true closin	about the opening and closing` of	
100.	ston (A) (B)	Light helps in the opening and K ion are responsible for the opening	true closin	about the opening and closing` of ag of stomata g and closing of stomata	
100. 101.	(A) (B) (C) (D)	Light helps in the opening and K ion are responsible for the opening The osmosis of water is responsible.	true closin pening sible	about the opening and closing` of ng of stomata g and closing of stomata for the opening and closing of stomata	
	(A) (B) (C) (D) The	Light helps in the opening and K ion are responsible for the opening The osmosis of water is responsall of the above	true closin pening sible	about the opening and closing` of ng of stomata g and closing of stomata for the opening and closing of stomata hen:	
	(A) (B) (C) (D) The (A)	Light helps in the opening and K ion are responsible for the opening. The osmosis of water is responsall of the above rate of transpiration is increase. Low light	true closin pening sible sed w (B)	about the opening and closing` of ng of stomata g and closing of stomata for the opening and closing of stomata hen:	
	(A) (B) (C) (D) The (A) (C)	Light helps in the opening and K ion are responsible for the opening. The osmosis of water is responsall of the above rate of transpiration is increase. Low light	closing sible sible (B)	about the opening and closing` of ng of stomata g and closing of stomata for the opening and closing of stomata hen: Temperature decrease CO ₂ is lowered	
101.	(A) (B) (C) (D) The (A) (C)	Light helps in the opening and K ion are responsible for the opening. The osmosis of water is responsall of the above rate of transpiration is increased. Low light.	closing sible sible (B)	about the opening and closing` of ng of stomata g and closing of stomata for the opening and closing of stomata hen: Temperature decrease CO ₂ is lowered	
101.	(A) (B) (C) (D) The (A) (C) The	Light helps in the opening and K ion are responsible for the opening and The osmosis of water is respon All of the above rate of transpiration is increased. Low light Humidity increased hormone abscisic acid is responsible.	closing sible sible (B) (D) (nsible	about the opening and closing` of ng of stomata g and closing of stomata for the opening and closing of stomata hen: Temperature decrease CO ₂ is lowered e for:	
101.	(A) (B) (C) (D) The (A) (C) The (A) (C)	Light helps in the opening and K ion are responsible for the opening. The osmosis of water is responsable of the above rate of transpiration is increased. Low light Humidity increased hormone abscisic acid is responsible.	closing sible is the distribution of the distr	about the opening and closing` of ag of stomata g and closing of stomata for the opening and closing of stomata hen: Temperature decrease CO ₂ is lowered e for: Closing of stomata It never affect it	
101. 102.	(A) (B) (C) (D) The (A) (C) The (A) (C)	Light helps in the opening and K ion are responsible for the opening and The osmosis of water is responsible for the opening of the above rate of transpiration is increased. Low light Humidity increased hormone abscisic acid is responsible for the opening of stomata. Both A and B	closing sible is the distribution of the distr	about the opening and closing` of ag of stomata g and closing of stomata for the opening and closing of stomata hen: Temperature decrease CO ₂ is lowered e for: Closing of stomata It never affect it	

104.	Which of the following cells is not present in phloem cells?			
	(A)	Companion cells	(B)	Sieve tube cells
	(C)	Parenchyma cells	(D)	Sclerenchymatous cells
105.	Whi	ch of the following cells of phl	oem	are dead?
	(A)	Companion cells	(B)	Sieve tube cells
	(C)	Parenchyma cells	(D)	None of the above
106.	Whi	ch of the following is area of s	upply	of what?
	(A)	Leaf	(B)	Steam
	(C)	Root	(D)	Fruit
107.	Whi	ch of the following is area of si	ink of	what?
	(A)	Leaf	(B)	Steam
	(C)	Root	(D)	Fruit
108.	The	average of the sugar movemen	ıt in t	he phloem is:
	(A)	1 meter per hour	(B)	2 meter per hour
	(C)	3 meter per hour	(D)	4 meter per hour
109.	Whi	ch of the following is not relev	ant to	pressure flow theory?
	(A)	Formation of starch from gluco	ose	
	(B)	Consumption of glucose by res	pirati	on
	(C)	Increase of hydrostatic pressure	e in th	ne phloem cells
	(D)	Movement of water in to cells		
110.	A pl	anarian does not need a separa	ate sy	stem for transportation because:
	(A)	It has flat body	(B)	It is acoelomate
	(C)	It has intestinal coeca	(D)	All of the above
111.	Whi	ch of the following animals ha	s ope	n circulatory system?
	(A)	Hydra	(B)	Man
	(C)	House fly	(D)	Earthworm
112.	Whi	ch of the following animals ha	s clos	e circulatory system?
	(A)	Hydra	(B)	Snail
	(C)	House fly	(D)	Earthworm

113.	The	blood of the insects is called ha	aemol	lymph because:	
	(A)	It has hemoglobin	(B)	It is colorless	
	(C)	It has lymph	(D)	It moves openly	
114.	Whi	ch of the followings is not part	of ha	emocoel in cockroach?	
	(A)	Perivisceral sinus	(B)	Perineural sinus	
	(C)	Pericardial sinus	(D)	None of the above	
115.		ch of the following functions in cockroach?	is not	performed by blood vascular system	
	(A)	Transport of nutrients	(B)	Transport of gases	
	(C)	Transport of waster material	(D)	Transport of water	
116.		close circulatory system is em because it shows:	more	efficient than the open circulatory	
	(A)	Rapid movement in body	(B)	Rapid exchange of material	
	(C)	It does not come in contact	(D)	Economy of blood	
117.	The	difference between the heart of	f ear	thworm and cockroach is that:	
	(A) The heart of earthworm is more efficient than the cockroach				
	(B)	B) The earth worm has more hearts while cockroach has one heart			
	(C)	(C) The heart of earthworm is closed while of cockroach is open			
	(D)	None of the above			
118.	The	heart of which of the following	g anin	nals functions as single circuit heart?	
	(A)	Fish	(B)	Amphibian	
	(C)	Reptiles	(D)	Mammals	
119.	The	number of chambers in the he	art of	the fishes is:	
	(A)	Two	(B)	Three	
	(C)	Four	(D)	Five	
120.	The	number of chambers in the he	art of	f Amphibians is:	
	(A)	Two	(B)	Three	
	(C)	Four	(D)	Five	
121.	The	number of chambers in the he	art of	the Mammals is:	
	(A)	Two	(B)	Three	
	(C)	Four	(D)	Five	

122.	The	number of chambers in the he	art of	f the birds is:	
	(A)	Two	(B)	Three	
	(C)	Four	(D)	Five	
123.	Whi	ch of the following arteries sup	ply b	plood to heart muscles?	
	(A)	Aorta	(B)	Pulmonary artery	
	(C)	Coronary artery	(D)	Renal artery	
124.	Whi	ch of the following chambers o	f the	heart of fish has oxygenated blood?	
	(A)	Sinus venosus	(B)	Atrium	
	(C)	Ventricle	(D)	None of the above	
125.	Whi bloo	_	of the	heart of Amphibians has oxygenated	
	(A)	Right atrium	(B)	Left atrium	
	(C)	Ventricle	(D)	Sinus venosus	
126.	In which animals of the following mixing of oxygenated and deoxygenate blood does not take place in ventricle?			ing of oxygenated and deoxygenated	
	(A)	Frog	(B)	Lizards	
	(C)	Crocodile	(D)	None of the above	
127.		ventricle of the crocodiles are ng of oxygenated and deoxyge		pletely portioned in but still there is blood in it, because:	
	(A)	The membrane between the ver	en the ventricles is very thin		
	(B)	The ventral aorta is undivided			
	(C)	The dorsal aorta is undivided			
	(D)	None of the above			
128.		re is separation of oxygenate nmals because:	d an	d deoxygenated bloods in birds and	
	(A)	The ventricles are completely of	livide	d	
	(B)	The ventral aorta is divided into	o aort	ic and pulmonary trunk	
	(C)	The aortic arch is divided into	two sy	ystemic arches	
	(D)	None of the above			

129.	Whi	ich of the following blood vesse	ls ha	s oxygenated blood:
	(A)	Pulmonary artery	(B)	Pulmonary vein
	(C)	Per-caval	(D)	Post-caval
130.	The	amount of plasma in blood is:		
	(A)	35%	(B)	45%
	(C)	55%	(D)	65%
131.	The	percentage of inorganic salts a	and io	ons in the plasma is:
	(A)	0.6	(B)	0.7
	(C)	0.8	(D)	0.9
132.	The	normal pH of the human bloo	d is:	
	(A)	6.4	(B)	7.4
	(C)	8.4	(D)	9.4
133.	The	percentage of the plasma prot	ein in	the blood is:
	(A)	4-5	(B)	5-6
	(C)	7-8	(D)	7-9
134.	Whi	ich of the following proteins is	not p	resent in the plasma of the blood?
	(A)	Immunoglobulin or antibodie	s(B)	Prothrombin
	(C)	Haemoglobin	(D)	Fibrinogen
135.	Ster	oid hormones are synthesized	from	:
	(A)	Nucleic acid	(B)	Cholesterol
	(C)	Amino acids	(D)	Carbohydrates
136.	Whi	ich of the following substances	is no	t present in the plasma of blood?
	(A)	CO_2	(B)	Oxygen
	(C)	Urea	(D)	Proteins
137.	Whi	ich of the following cells is mos	t abu	ndant in the blood?
	(A)	Red blood cells	(B)	White blood cells
	(C)	Platelets	(D)	None of the above
138.	A cu	ıbic millimeter blood of male c	ontai	ns RBC:
	(A)	5-5 ^{1/2} million	(B)	4-4 ^{1/2} million
	(C)	3-4 million	(D)	None of the above

139.	. Which of the following not a Granulocyte?			te?
	(A)	Neutrophils	(B)	Eosinophils
	(C)	Monocytes	(D)	Basophils
140.	Pus	is formed from which of the fo	llowi	ng dead white blood cells?
	(A)	Lymphocytes	(B)	Eosinophils
	(C)	Monocytes	(D)	Basophils
141.	Whi	ch of the following substances	inhib	it the clotting of blood?
	(A)	Histamine	(B)	Heparin
	(C)	Interferon	(D)	None of the above
142.	Whi	ch of the following structures i	s not	cells?
	(A)	Lymphocytes	(B)	Eosinophils
	(C)	Monocytes	(D)	Platelets
143.	Buff	fer is a substance which mainta	ins t	he:
	(A)	Concentration of proteins in blo	ood	
	(B)	pH of the blood		
	(C)	Amount of gases in the blood		
	(D)	Amount of water in the blood		
144.	Whi	ch of the following processes is	a ho	meostasis?
	(A)	To maintain the amount of water	er cor	nstant in the blood
	(B)	To maintain the functioning of	the b	ody
	(C)	To maintain the process of resp	iratio	n
	(D)	To maintain the muscular activ	ity	
145.	Whi	ch of the followings is not the f	uncti	on of blood?
	(A)	It transports gases in the body	(B)	It transports reproductive cells in the body
	(C)	It transports food within the body	(D)	It transports waste material in body
146.	Whi	ch of the followings is Leucaen	nia?	
	(A)	Uncontrolled production of RB	C	
	(B)	Uncontrolled production of WE	3C	
	(C)	Uncontrolled production of Pla	telets	
	(D)	All of the above		

147.	Tha	lassaemia is an abnormality of	:			
	(A)	RBC	(B)	WBC		
	(C)	Platelets	(D)	None of the above		
148.	Tha	lassaemia is indicated by:				
	(A)	Presence of leucocytes	(B)	Presence of microcytes		
	(C)	Presence of Lymphocytes	(D)	Presence ofMonocytes		
149.	Whi	ich of the following is characte	ristic	of the oedema?		
	(A)	Release of fluid from the body				
	(B)	Presence of excessive fluid in the tissues				
	(C)	Presence of excessive proteins	in the	e body		
	(D)	All of the above				
150.	Whi	ich of the followings is not the	reaso	n of the extracellular oedema?		
	(A)	Abnormal leakage of fluid from the blood capillaries				
	(B)	Abnormal movement of fluid from the outside of body				
	(C)	Thy lymphatic system fails to bring back fluid form the intestinal fluid				
	(D)	The renal(kidney) retention of	slats a	and water		
151.	Which of the followings is not the effect of oedema?					
	(A)	It disturbs the exchange and concentration of minerals in the blood and body cells				
	(B)	It affects the blood pressure				
	(C)	It increases the heart load				
	(D)	It destroy the cells				
152.	Whi	ich of the following layers of h	eart h	as intercalated discs?		
	(A)	Epicardium	(B)	Myocardium		
	(C)	Endocardium	(D)	None of the above		
153.	The	valve present between right a	trium	and right ventricle is called:		
	(A)	Tricuspid valve	(B)	Bicuspid valve		
	(C)	Semilunar valve	(D)	None of the above		
154.	The	valve present between left atr	ium a	nd left ventricle is called:		
	(A)	Tricuspid valve	(B)	Bicuspid valve		
	(C)	Semilunar valve	(D)	None of the above		

155.	The	valve present at the base of ao	rta is	called:
	(A)	Tricuspid valve	(B)	Bicuspid valve
	(C)	Semilunar valve	(D)	None of the above
156.	Whi	ich of the following arteries sup	pply l	plood to legs?
	(A)	Femoral artery	(B)	Renal artery
	(C)	Coronary artery	(D)	Pulmonary artery
157.		ich of the following veins coll oly blood to liver?	lects	blood from the digestive system and
	(A)	Hepatic vein	(B)	Hepatic portal vein
	(C)	Renal veins	(D)	None of the above
158.	The	voice of lubb is produced duri	ng th	e contraction of heats when:
	(A)	Tricuspid valve is closed		
	(B)	Bicuspid valve is closed		
	(C)	Both tricuspid and bicuspid are	close	ed
	(D)	Semilunar valves is closed		
159.	The	voice of dub is produced durin	ng the	e contraction of heart when:
	(A)	Tricuspid valve is closed		
	(B)	Bicuspid valve is closed		
	(C)	Both tricuspid and bicuspid are	close	ed
	(D)	Semilunar valves is close		
160.	The	heart of man contracts during	his l	ife for:
	(A)	1.5 million	(B)	2.5 million
	(C)	3.5 million	(D)	4.5 million
161.	The	impulse of heart starts from:		
	(A)	Sino-atrial node	(B)	Atriventricular node
	(C)	Bundle muscles	(D)	None of the above
162.	Cya	nosis is a condition in which:		
	(A)	Oxygen supply to skin is stopped	(B)	The skin becomes blue
	(C)	Blood supply to skin is stopped	(D)	None of the above

163. Which of the following layers is present in the arter	e following lavers is pres	ent in the arteries?
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- (A) Connective tissues
- (B) Smooth and circular muscles
- **(C)** Connective tissues
- (D) All of the above

164. Which of the followings is Atherosclerosis?

- **(A)** The breaking of the wall of the artery
- **(B)** The narrowness of the wall of the artery
- **(C)** The deposition of fats in the wall of the artery
- **(D)** None of the above

165. Which of the followings is the characteristic of capillaries?

- (A) It has three layers of endothelium
- **(B)** It has one layer of endothelium
- (C) It has one layer of connective tissues
- **(D)** It has one layer of elastic tissues

166. Which of the followings is the main function of capillaries?

- (A) Supply blood to tissues
- (B) Exchange of materials
- (C) Bring blood from tissues
- **(D)** Transport of materials

167. Interstitial is present:

- (A) With in the blood
- **(B)** With in capillaries

- (C) Among the cells
- (D) With in the cell

168. Which of the following layers is thin in veins?

- (A) Connective tissues and elastic fibers
- (B) Smooth and circular muscles
- (C) Connective tissues
- (D) All of the above

169. The movement of blood in veins takes place by the:

- (A) Contraction and relaxation of the wall of the vein
- (B) Contraction and relaxation of the skeletal muscles
- **(C)** Pressure of the blood in the vein
- (D) None of the above

170.	Whi	ich of the following veins has o	xyger	nated blood?
	(A)	Renal vein	(B)	Hepatic vein
	(C)	Pulmonary vein	(D)	Coronary vein
171.	Whi	ich of the following materials i	s not	present in the interstitial fluid?
	(A)	Water	(B)	Salts
	(C)	Fats	(D)	Blood cells
172.	In w	which of the following blood ve	ssels v	valves are present?
	(A)	Artery	(B)	Vein
	(C)	Capillary	(D)	None the above
173.	Whi	ich of the following blood vesse	els ha	s high blood pressure?
	(A)	Artery	(B)	Vein
	(C)	Capillary	(D)	None the above
174.	In w	which of the following blood ve	ssels,	pulse is felt?
	(A)	Artery	(B)	Vein
	(C)	Capillary	(D)	None the above
175.	Whi	ich of the following blood vesse	els is 1	responsible for exchange of material?
	(A)	Artery	(B)	Vein
	(C)	Capillary	(D)	None of the above
176.	The	systolic pressure of the heart i	is:	
	(A)	80 mm Hg	(B)	100 mm Hg
	(C)	110 mmHg	(D)	120 mmHg
177.	The	diastolic pressure of the heart	is:	
	(A)	80 mm Hg	(B)	100 mm Hg
	(C)	110 mmHg	(D)	120 mmHg
178.	In v sam		owing	the systolic and diastolic pressure is
	(A)	Artery	(B)	Aorta
	(C)	Arterioles	(D)	Capillary
179.	Whi	ich of the following blood vesse	els ha	s greater cross sectional area?
	(A)	Artery	(B)	Vein
	(C)	Capillary	(D)	Aorta

180.	Whi	ch of the followings is hyperte	nsion	?
	(A)	Low blood pressure	(B)	High blood pressure
	(C)	Cholesterol	(D)	All of the above
181.	Whi	ch of the followings is thromb	us?	
	(A)	A blockage of blood vessel	(B)	A clot in the vessel
	(C)	A moving clot in vessel	(D)	None of the above
182.	Whi	ch of the followings is embolus	s?	
	(A)	A blockage of blood vessel	(B)	A clot in the vessel
	(C)	A moving clot in vessel	(D)	None of the above
183.	Whi	ch of the following conditions i	s help	oful in the prevention of heart attack?
	(A)	Avoid too much fatty food rich	in ch	nolesterol
	(B)	Maintain normal body weight		
	(C)	Control the blood pressure by	regula	r walk and exercises
	(D)	All of the above		
184.	Stro	ke is a condition in which:		
	(A)	Heart does not receive proper b	olood	
	(B)	Liver does not received proper	blood	1
	(C)	Brain does not receive proper b	olood	
	(D)	None of the above		
185.	Whi	ch of the followings is the char	acter	istic of the lymphatic system?
	(A)	The system which transports m	nateria	al between two blood vessels
	(B)	The system which transports m	nateria	al between the tissues
	(C)	The system which transports m	ateria	al between the tissues and blood
	(D)	None of the above		
186.	Whi	ch of the followings is commo	ı betv	veen lymph vessels and veins?
	(A)	Both have small bore	(B)	Both have valves
	(C)	Both have low blood pressure	(D)	Both are communicated
187.	The	lymph vessels transfer the lyn	ıph ir	nto the blood through:
	(A)	Subclavian artery	(B)	Subclavian vein
	(C)	Iliac artery	(D)	Iliac vein

188.	Whi	ch of the following organs filte	er the	lymph?
	(A)	Heart	(B)	Liver
	(C)	Spleen	(D)	Pancreas
189.	Whi	ch of the followings is involved	l in h	umoral immune response?
	(A)	T-lymphocytes	(B)	Helper T-lymphocytes
	(C)	B-lymphocytes	(D)	None of the above
190.	Whi	ch of the followings is involved	l in c	ell mediated response?
	(A)	T-lymphocytes	(B)	Helper T-lymphocytes
	(C)	B-lymphocytes	(D)	None of the above
191.	The	T lymphocytes become matur	e in:	
	(A)	Thymus gland	(B)	Bursa of fabricius
	(C)	Bone marrow	(D)	Lymph node
192.	The	B-lymphocytes become matur	e in:	
	(A)	Thymus gland	(B)	Bursa of fabricius
	(C)	Bone marrow	(D)	Lymph node
193.	Whi	ch of the followings is active in	nmur	nity?
	(A)	Injection of antibiotics	(B)	Injection of antigen
	(C)	Injection of antibody	(D)	None of the above
194.	Whi	ch of the followings is passive	immı	ınity?
	(A)	Injection of antibiotics	(B)	Injection of antigen
	(C)	Injection of antibody	(D)	None of the above
195.		snake bites a person, which cted person?	of the	e following things is injected into the
	(A)	Antibody	(B)	Antigen
	(C)	Antisera	(D)	None the above
196.	The	main processes involved for g	etting	the material into and out of cells are:
	(A)	Endocytosis and exocytosis	(B)	Active and passive transport
	(C)	Diffusion and osmosis.	(D) .	All above
197.	Mos	t of the uptake of water and m	inera	lls from soil takes place through:
	(A)	Roots	(B)	Epidermal layers
	(C)	Root cap	(D)	Root hair

198.	The	membrane of vacuole is name	d as:	
	(A)	Tonoplast	(B)	Apoplast
	(C)	Symplast	(D)	None of the above
199.	Myc	orrhizal fungi are present in h	ow n	nany families of flowering plants?
	(A)	10%	(B)	80%
	(C)	100%	(D)	90%
200.	The	loss of liquid water through h	ydath	odes in plants is called:
	(A)	Imbibition	(B)	Transpiration
	(C)	Guttation	(D)	Bleeding
201.	In w	hich leaves the stomata are co	nfine	d to only the lower epidermis?
	(A)	Isobilateral	(B)	Dorsiventral
	(C)	Both A and B	(D)	None
202.	The	closing and opening of stomat	a is d	irectly controlled by:
	(A)	Temperature	(B)	Wind
	(C)	Light	(D)	Water
203.		pressure flow theory is the nohloem of:	iost a	cceptable theory for the transport in
	(A)	Gymnosperm	(B)	Bryophytes
	(C)	Angiosperms	(D)	Pteridophyte
204.	In H	lydra ectodermal cells get food	l fron	n endodermal cells by:
	(A)	Exocytosis	(B)	Diffusion
	(C)	Endocytosis	(D)	Both A and B
205.		sites where exchange of mate e are:	rials	between blood and body tissues takes
	(A)	Arteries	(B)	Capillaries
	(C)	Lymph vessels	(D)	Veins
206.	The	heart of which of these function	ons as	a single circuit heart?
	(A)	Fishes	(B)	Reptiles
	(C)	Mammals	(D)	Birds

207.	The	normal pH of human blood is	:	
	(A)	4	(B)	7.4
	(C)	7	(D)	4.7
208.	The	average life span of RBC is ab	out:	
	(A)	06 months	(B)	04 months
	(C)	One year	(D)	08 months
209.	A w	hite substance called pus is pro	oduce	d at infection sites due to killing of:
	(A)	Monocytes	(B)	Erythrocytes
	(C)	Leucocytes	(D)	Platelets
210.	The	protective membrane of huma	an he	art is called:
	(A)	Endocardium	(B)	Epicardium
	(C)	Myocardium	(D)	Pericardium
211.	Anti	iserum is a serum containing:		
	(A)	Haemoglobin	(B)	Antibodies
	(C)	Lymph	(D)	Antigens
212.	In h	umans the heart beat lasts for	:	
	(A)	18 seconds	(B)	0.8 seconds
	(C)	1.8 seconds	(D)	8 seconds
213.	In tl	he liver, every cell is in direct o	ontac	et with:
	(A)	None	(B)	Capillary
	(C)	Artery	(D)	Vein
214.	Hea	rt beat involves how many dist	tinct	stages.
	(A)	One	(B)	Four
	(C)	Three	(D)	Two
215.	The	renal vein brings the impure l	olood	from:
	(A)	Liver	(B)	Kidney
	(C)	Lungs	(D)	Brain
216.		roots of a plant not only —erals and water from the soil.		— the plant in soil, but also absorb
	(A)	Acoelomate	(B)	Active
	(C)	ATP	(D)	Anchor

217.	The	root hair are extensions of —		——cells of roots.
	(A)	Acoelomate	(B)	Exosmosis
	(C)	Epidermal	(D)	Isobilateral
218.	The	passive uptake of minerals in	plant	s involves which process?
	(A)	Exosmosis	(B)	Imbibition
	(C)	Isobilateral	(D)	Diffusion
219.		passive and active uptake orgy in the form of:	f min	erals by root cells involve the use of
	(A)	ATP	(B)	Active
	(C)	Anchor	(D)	Solute
220.	Mos	et of ions are taken up by the re	oots by	y the process of:
	(A)	Active transport	(B)	Epidermal
	(C)	Anchor	(D)	ATP
221.	Acti	ve transport is selective and is	depe	ndent on:
	(A)	Exosmosis	(B)	Isobilateral
	(C)	Respiration	(D)	Cuticular
222.	The	movement of water out of the	cell b	y osmosis is called:
	(A)	Endosmosis	(B)	Leucaemia
	(C)	Exosmosis	(D)	Isobilateral
223.	Pur	e ———has maximum w	ater p	ootential.
	(A)	Leucaemia	(B)	Water
	(C)	Wind	(D)	Acoelomate
224.	The	total water potential is sum o	f pres	sure potential and:
	(A)	Xylem	(B)	Solute potential
	(C)	Dixon	(D)	One
225.	Coh	esion tension theory was prop	osed l	by:
	(A)	Palms	(B)	Diffusion
	(C)	One	(D)	Dixon

226.	The	lignin and cellulose provide st	rengt	h to cell wall of:
	(A)	Splenn	(B)	Dixon
	(C)	Xylem vessels	(D)	Diffusion
227.		ut what % of total water pull ous activities including photos	-	in the leaves is used by the plants in sis?
	(A)	One	(B)	Three
	(C)	Two	(D)	Four
228.	The	volume of dry seed may increa	ase up	to 200 times by:
	(A)	Imbibition	(B)	Palms
	(C)	Osmosis	(D)	Splenn
229.		sap in some ———— containorganic substances.	ains s	ugar and water in addition to organic
	(A)	Dixon	(B)	Acoelomate
	(C)	Splenn	(D)	Palms
230.		night when the stomata are a s place in plants?	lmos	t closed, through what transpiration
	(A)	Cuticular	(B)	Respiration
	(C)	Water	(D)	Solute
231.	In w	hich leaves the stomata are p	resent	t both in upper and lower epidermis?
	(A)	Isobilateral	(B)	Imbibition
	(C)	Epidermal	(D)	Solute
232.	The	air in motion is called:		
	(A)	Water	(B)	Solute
	(C)	Wind	(D)	Wilting
233.	Exc	ess loss of water from the plan	t can	lead to:
	(A)	Wind	(B)	Wilting
	(C)	Water	(D)	Solute
234.	Org	anic solutes are transported by	y:	
	(A)		(B)	Imbibition
	(C)	Phloem tissue	(D)	Water

235.	The	ere is no body cavity in planaria hence, called as:						
	(A)	Pseudocoelomate	(B)	Cuticular				
	(C)	Acoelomate	(D)	Isobilateral				
236.	Mos	t of the plasma proteins are sy	nthes	sized in the:				
	(A)	Liver	(B)	Diffusion				
	(C)	Leucaemia	(D)	Systole				
237.	In th	ne embryonic life RBC are for	med i	n liver and:				
	(A)	Imbibition	(B)	Leucaemia				
	(C)	Spleen	(D)	Diffusion				
238.	Wha	nt is caused as a result of unco	ntrol	led production of white blood cells?				
	(A)	Blood clotting	(B)	Leucaemia				
	(C)	Imbibition	(D)	Isobilateral				
239.	One	complete heartbeat consists of	f one	diastole and one:				
	(A)	Cuticular	(B)	Systole				
	(C)	Nervous	(D)	Splenn				
240.	The	diameter of capillary can be c	hang	ed by:				
	(A)	Splenn	(B)	Leucaemia				
	(C)	Nervous stimulation	(D)	Phloem				
241.	Prot	hrombin:						
	(A)	Body defence	(B)	Blood clotting				
	(C)	Catalyst	(D)	Pace maker				
242.	Fibr	inogin:						
	(A)	Blood clotting	(B)	Catalyst				
	(C)	Blueness of skin	(D)	Body defence				
243.	Imn	nunoglobulin:						
	(A)	Body defence	(B)	Blood clotting				
	(C)	Blueness of skin	(D)	Catalyst				

244.	Cho	lesterol:					
	(A)	Blood clotting	(B)	Steroid hormones			
	(C)	Body defence	(D)	Blueness of skin			
245.	Cya	nosis:					
	(A)	Blood clotting	(B)	Blueness of skin			
	(C)	Pace maker	(D)	Body defence			
246.	Leu	caemia:	cence (D) Blueness of skin Otting (B) Blueness of skin Dod pressure (B) Cooley's anaemia Ock (D) Blood cancer If fluid in the body tissue anaemia Od pressure Od pressure				
	(A)	High blood pressure	(B)	Cooley's anaemia			
	(C)	Heart attack	(D)	Blood cancer			
247.	Tha	lassaemia:					
	(A)	Excess of fluid in the body tiss	sue				
	(B)	Cooley's anaemia					
	(C)	Low blood pressure					
	(D)	Blood cancer					
248.	Myo	ocardial Infarction:					
	(A)	Low blood pressure	(B)	Heart attack			
	(C)	Cooley's anaemia	(D)	High blood pressure			
249.	Нур	ertension:					
	(A)	High blood pressure	(B)	Blood cancer			
	(C)	Cooley's anaemia	(D)	Low blood pressure			
250.	Oed	ema:					
	(A)	Blood cancer	(B)	Low blood pressure			
	(C)	Cooley's anaemia	(D)	Excess of fluid in the body tissue			
251.	Coh	esion tension theory:					
	(A)	Thomas B. Cooley	(B)	Sacks			
	(C)	H. Van Mohl	(D)	Dixon			
252.	Imb	ibition process:					
	(A)	Dixon	(B)	H. Van Mohl			
	(C)	Sacks	(D)	Thomas B. Cooley			

I		2		
253.	Star	ch sugar Hypothesis:		
	(A)	H. Van Mohl	(B)	Ernst munch
	(C)	Dixon	(D)	Sacks
254.	Pres	ssure flow theory:		
	(A)	Ernst munch	(B)	Sacks
	(C)	H. Van Mohl	(D)	Mandel
255.	Sple	enomegaly:		
	(A)	Thomas B. Cooley	(B)	Dixon
	(C)	Ernst munch	(D)	H. Van Mohl
256.	Мує	elogenous cells:		
	(A)	Inactivate inflammation	(B)	Antibodies production
	(C)	Blood formation	(D)	Bone marrow
257.	Mic	rocytes:		
	(A)	Bone marrow	(B)	Enlargement of spleen
	(C)	Transports oxygen	(D)	Blood formation
258.	Lyn	iphocytes:		
	(A)	Enlargement of spleen	(B)	Antibodies production
	(C)	Blood formation	(D)	Bone marrow
259.	Eosi	inophil:		
	(A)	Inactivate inflammation	(B)	Transports oxygen
	(C)	Bone marrow	(D)	Enlargement of spleen
260.	Ery	throcyte:		
	(A)	Bone marrow	(B)	Transports oxygen
	(C)	Blood formation	(D)	Inactivate inflammation

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Answers

Sr.	Ans.								
1.	(D)	2.	(A)	3.	(B)	4.	(B)	5.	(B)
6.	(B)	7.	(A)	8.	(B)	9.	(A)	10.	(B)
11.	(C)	12.	(A)	13.	(D)	14.	(D)	15.	(C)
16.	(A)	17.	(C)	18.	(B)	19.	(A)	20.	(C)
21.	(A)	22.	(C)	23.	(D)	24.	(D)	25.	(B)
26.	(C)	27.	(A)	28.	(B)	29.	(A)	30.	(C)
31.	(C)	32.	(C)	33.	(C)	34.	(B)	35.	(D)
36.	(D)	37.	(A)	38.	(B)	39.	(A)	40.	(B)
41.	(B)	42.	(A)	43.	(A)	44.	(A)	45.	(B)
46.	(B)	47.	(C)	48.	(C)	49.	(C)	50.	(B)
51.	(D)	52.	(D)	53.	(C)	54.	(D)	55.	(C)
56.	(A)	57.	(D)	58.	(A)	59.	(C)	60.	(A)
61.	(C)	62.	(D)	63.	(B)	64.	(C)	65.	(B)
66.	(A)	67.	(D)	68.	(D)	69.	(B)	70.	(B)
71.	(C)	72.	(D)	73.	(C)	74.	(A)	75.	(B)
76.	(C)	77.	(A)	78.	(D)	79.	(B)	80.	(C)
81.	(A)	82.	(A)	83.	(A)	84.	(B)	85.	(A)
86.	(A)	87.	(A)	88.	(C)	89.	(B)	90.	(B)
91.	(D)	92.	(A)	93.	(C)	94.	(C)	95.	(D)
96.	(B)	97.	(C)	98.	(C)	99.	(B)	100.	(D)
101.	(D)	102.	(B)	103.	(B)	104.	(D)	105.	(B)
106.	(A)	107.	(D)	108.	(A)	109.	(B)	110.	(D)
111.	(C)	112.	(D)	113.	(B)	114.	(D)	115.	(B)
116.	(D)	117.	(B)	118.	(A)	119.	(A)	120.	(A)
121.	(C)	122.	(C)	123.	(C)	124.	(D)	125.	(B)
126.	(D)	127.	(B)	128.	(B)	129.	(B)	130.	(C)

C.	Ana	C.	Auro	C.	Auso	C.,	Au	C.	Ana
Sr.	Ans.								
131.	(D)	132.	(B)	133.	(D)	134.	(C)	135.	(D)
136.	(B)	137.	(A)	138.	(A)	139.	(C)	140.	(C)
141.	(B)	142.	(D)	143.	(B)	144.	(A)	145.	(B)
146.	(B)	147.	(A)	148.	(B)	149.	(B)	150.	(B)
151.	(D)	152.	(B)	153.	(A)	154.	(B)	155.	(C)
156.	(A)	157.	(B)	158.	(C)	159.	(D)	160.	(B)
161.	(A)	162.	(B)	163.	(D)	164.	(B)	165.	(B)
166.	(B)	167.	(C)	168.	(B)	169.	(B)	170.	(C)
171.	(D)	172.	(B)	173.	(A)	174.	(A)	175.	(C)
176.	(D)	177.	(A)	178.	(D)	179.	(C)	180.	(B)
181.	(B)	182.	(C)	183.	(D)	184.	(C)	185.	(C)
186.	(B)	187.	(B)	188.	(C)	189.	(B)	190.	(A)
191.	(A)	192.	(D)	193.	(B)	194.	(C)	195.	(C)
196.	(C)	197.	(D)	198.	(A)	199.	(D)	200.	(C)
201.	(B)	202.	(C)	203.	(C)	204.	(B)	205.	(B)
206.	(A)	207.	(B)	208.	(B)	209.	(C)	210.	(D)
211.	(D)	212.	(B)	213.	(C)	214.	(B)	215.	(D)
216.	(D)	217.	(C)	218.	(D)	219.	(A)	220.	(A)
221.	(C)	222.	(C)	223.	(B)	224.	(B)	225.	(D)
226.	(C)	227.	(A)	228.	(A)	229.	(D)	230.	(A)
231.	(A)	232.	(C)	233.	(B)	234.	(C)	235.	(C)
236.	(A)	237.	(C)	238.	(B)	239.	(B)	240.	(C)
241.	(C)	242.	(A)	243.	(A)	244.	(B)	245.	(B)
246.	(D)	247.	(B)	248.	(A)	249.	(D)	250.	(D)
251.	(C)	252.	(A)	253.	(A)	254.	(A)	255.	(A)
256.	(D)	257.	(B)	258.	(B)	259.	(A)	260.	(B)