





MENTORS EDUSERV TALENT REWARD EXAM (METRE) SAMPLE TEST PAPER

[For Students presently in Class 11 going to Class 12 in 2019] [Stream: Medical]

Time : 2 hours

Maxin			100
Iviaxin	viari	(S :)	480

[A]	General :						
1.	This Question paper contains THREE Parts, A to C (Physics, Chemistry and Biology).						
2.	This Question Paper contains 26 pages.						
3.	This question paper contains total 120 questions (30 questions each in Physics and Chemistry + 60 questions in Biology).						
4.	The Question Paper has blank spaces at the bottom of each page for rough work.No additional sheets will be provided for rough work.						
5.	Blank papers, clip boards, log tables, slide rule, calculators, cellular phones, pagers and electronic gadgets, in any form, are NOT allowed.						
6.	The OMR (Optical Mark Recognition) sheet shall be provided separately.						
[B]	Answering on the OMR:						
7.	Each question will have 4 choices in both the Sections, out of which only one choice is correct .						
8.	Darken the bubble with Ball Pen (Blue or Black) ONLY.						
[C]	Filling – in Name and Registration No.	S					
9.	On the OMR sheet , write your Name and Registration No. in ink. Also, put your signature in the appropriate box in ink.						
[D]	Marking Scheme:						
10.	For each question in you will be awarded 4 marks if you darken the bubble corresponding to the correct answer ONLY and zero (0) marks if no bubble is darkened. In all other cases, minus one (–1) mark will be awarded.	9					
Name : Registration No.:							





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[10]		Fc	or Students in Class 11 go	ping to Class 12 in 2019	9 (Med.) [SAMPLE PAPER]
33.	Mola	arity of liquid HCI	with density equal to 1.	17 g/cc is	
	(A)	36.5	(B) 18.25	(C) 32.05	(D) 4.65
34.	Mole	e fraction of the s	olute in a 1.00 molal aq	ueous solution is:	
	(A)	0.0344	(B) 1.7700	(C) 0.1770	(D) 0.0177
35.	What is the $[OH^-]$ in the final solution prepared by mixing 20.0 mL of 0.050 M HCl with 30.0 mL 0f 0.10 M Ba $(OH)_2$?				
	(A)	0.10 M	(B) 0.40 M	(C) 0.0050 M	(D) 0.12 M
36.	An c pres	open flask contair sent in it goes out	n air at 27°C. At what ter : ?	nperature should it be	heated so that 1/3rd of air
	(A)	177°C	(B) 100°C	(C) 300°C	(D) 150°C
37.	Mole	ecular mass of a	gas is 78. Its denisty at	98°C and 1 atm will b	e
	(A)	200 g L ⁻¹	(B) 2.56 g L ^{−1}	(C) 256 g L ⁻¹	(D) 78 g L ⁻¹
38.	lf the part	e ratio of masses ial pressures wou	of SO ₃ and O ₂ gases could be	onfined in a vessel is	1:1, then the ratio of their
	(A)	5:2	(B) 2 : 5	(C) 2 : 1	(D) 1 : 2
39.	The 40 r	pressure of a mix espectively is 1.1	tures of equal weights of atm. The partial press	of two gases X and Y v ure of the gas X in the	vith molecular weight 4 and mixture is
	(A)	1 atm	(B) 0.1 atm	(C) 0.15 atm	(D) 0.5 atm
40.	Whi	ch of the followin	g assumption is incorre	ct according to kinetic	theory of gases?
	(A)	Particles of a g	as move in all possible	direction in straight lin	es.]
	(B)	All the particles	, at any particular time,	have same speed and	d same kinetic energy.
	(C) There is no force of attraction between the particles of a gas at ordinary temperature and pressure.				
	(D)	The actual volu them.	ime of the gas is neglig	ible in comparison to	the empty space between
41.	The	electron affinitie	s of N, O, S and Cl are s	such that	
	(A)	N < O < S < Cl	(B) O < N < Cl < S	(C) $O \approx CI < N \approx S$	(D) P < S < CI < N
			Space for r	ough work	
L					

For St	tudents	s in Class 11 go	oing to Class 12 in 2019	9 (Med.) [SAMPLE	PAPER] [11]
42.	The i	ncreasing orde	er of the ionic radii of t	he given isoelectroni	c species is:
	(A)	Cl [−] , Ca ²⁺ , K ⁺ ,	S ²⁻ (B) S ²⁻ , Cl ⁻ , Ca ²⁻	⁺ , K ⁺ (C) Ca ²⁺ , K ⁺ , C	I⁻, S²⁻ (D) K⁺, S²⁻, Ca²+, CI⁻
43.	In wh	ich of the follo	wing arrangements, th	he order is NOT acco	rding to the property indicated
	agair	nst it ?			
	(A)	Li < Na < K <	Rb: Increasing metall	ic radius	
	(B)	I < Br < F < CI	: Increasing electron	gain enthalpy (with n	egative sign)
	(C)	B < C < N < C	: Increasing first ioniz	ation enthalpy	
	(D)	$AI^{3+} < Mg^{2+} <$	$Na^+ < F^-$: Increasing	ionic size	
44.	Corre	ect order of po	larising power is:		
	(A)	$Cs^+ < K^+ < Mq$	$y^{2+} < AI^{3+}$	(B) K ⁺ < Cs ⁺ < I	$Mg^{2+} < AI^{3+}$
	(C)	$Cs^+ < K^+ < Al^2$	³⁺ < Mg ²⁺	(D) K ⁺ < Cs ⁺ < .	Al ³⁺ < Mg ²⁺
45.	Whic Ca, E	h of the follow 3a, S, Se and A	ing represents the co Ar ?	rrect order of increas	ing first ionization enthalpy for
	(A)	Ca < S < Ba <	< Se < Ar	(B) S < Se < C	a < Ba < Ar
	(C)	Ba < Ca < Se	< S < Ar	(D) Ca < Ba < \$	S < Se < Ar
46.	Two g mL ai falls d	gas bulbs A and nd contains H ₂ down by 40%.	d B are connected by a gas. After opening th The volume (mL) of B	a tube having a stopco le gas from A to the e B must be	ock. Bulb A has a volume of 100 vacuated bulb B, the pressure
	(A)	200.45	(B) 125.20	(C) 66.67	(D) 75.37
47.	A and press partic	d B are ideal sure of a gas m cal pressure (i	gases. The molecular nixture containing equ n atm) of B in the mixt	r weights of A and B al weights of A and B ture ?	are in the ratio of 1 : 4. The is p atmospheres. What is the
	(A)	p/5	(B) p/2	(C) p/2.5	(D) 3p/4
48.	The a	amount of wate	ter than should be ac mg per ml is	dded to 500 ml of 0.	5 N solution of NaOH to give
	(A)	100	(B) 200	(C) 250	(D) 500
49.	Minin	num number o	f photons of light of wa	avelength 4000 Å wh	ich provide 1 J energy:
	(A)	2 × 10 ¹⁸	(B) 2 × 10 ⁹	$(C) 2 \times 10^{20}$	(D) 2 × 10 ¹⁰
			Space fo	r rough work	

[12]		Fo	r Students in Class 11	going to Class 12 in 20	019 (Med.) [SAMPLE PAPER]
50.	The shortes	st λ for th	e Lyman series is	(Given R _H = 109678	cm ⁻¹):
	(A) 911 Å		(B) 700 Å	(C) 600 Å	(D) 811 A
51.	A species hat protons in it	aving only s nucleus	y one electron has ior will be	ization energy of 11	810 kJ mol ⁻¹ . The number of
	(A) 1		(B) 2	(C) 3	(D) 4
52.	The de-Broo	glie wave	length of helium atom	at room temperature	eis
	(A) _{6.6×10}	⁻³⁴ m	(B) 4.39×10 ⁻¹⁰ m	(C) 7.34×10 ⁻¹¹	m (D) 2.335×10 ⁻²⁰ m
53.	The atomic the element	number o t in its M ³⁺	f an element 'M' is 26. `state?	How many electrons	s are present in the M-shell of
	(A) 11		(B) 15	(C) 14	(D) 13
54.	The number	r of nodal	planes that '5d' orbita	l has is	
	(A) zero		(B) one	(C) two	(D) three
55.	The circumf length of ele	erence of ectron is	f the 4th Bohr's orbit ir	n hydrogen atom is 5	.32 nm. The de Broglie wave
	(A) 0.133	nm	(B) 13.3 nm	(C) 1.33 nm	(D) 13.3 nm
56.	The specific	c heat of a	an element is 0.214 ca	al/gm. The atomic we	eight is nearly
	(A) 6.6		(B) 12	(C) 30	(D) 65
57.	If the r.m.s. be	speed of	a gas molecule at 27°	C is 100√2 ms⁻¹ the	r.m.s. speed at 327°C would
	(A) 100 m	וS ^{−1}	(B) 200 ms⁻¹	(C) 300 ms ⁻¹	(D) 400 ms ⁻¹
58.	The total nu	Imber of p	protons in 10 g of calc	ium carbonate is (N_{a}	= 6.023 × 10 ²³)
	(A) 1.5057	7 × 10 ²⁴	(B) 2.0478 × 10 ²⁴	(C) 3.0115×10^2	⁴ (D) 4.0956 × 10 ²⁴
59.	The mass o on it will be	f iron whie (at. mass	ch will be converted in of Fe = 56)	to its oxide (Fe ₃ O ₄) b	by the action of 18 g of steam
	(A) 168 g		(B) 84 g	(C) 42 g	(D) 21 g
—			Space for	rough work	



[14]		For Students in	Class 11 going to C	lass 12 in 2019 (M	ed.) [SAMPLE PAPER]
62.	The diagra	m shows the following	option is right?		
	Which one	of the following option	is right?		
	Number of pairs of homologous chromosomesNumber of chromatidsNumber of centromeres				
	(A)	3	6	12	
	(B)	3	12	6	
	(C)	6	6	12	
	(D)	6	12	6	
63.	Chromoso (A) Propha	me exhibit high level of se (B) Metap	coiling at which plots	hase of karyokines elophase (I	sis? D) Interphase
64.	In meiosis	- formalism to be built			
	(A) division of nucleus twice but replication of DNA only once				
	(B) division	of nucleus twice and	replication of DNA		
	ע) מוטוטוט	TO HUCIEUS ONCE ANU			

Space for rough work

For Students in Class 11 going to Class 12 in 2019 (Med.) | [SAMPLE PAPER] [15] Which of the following events correctly indicates the stages of mitosis? 65. **Breakdown** Division of **DNA** replication of nuclear centromere membrane Metaphase Anaphase (A) Interphase (B) Interphase Prophase Anaphase (C) Telophase Interphase Anaphase (D) Prophase Metaphase Anaphase 66. Which of the following type of plastids does not contain stored food material? (A) Amyloplasts (B) Chromoplasts (C) Elaioplasts (D) Aleuroplasts The Golgi complex plays a major role 67. (A) in digesting proteins and carbohydrates (B) as energy transferring organelles (C) in post translational modification of proteins and glycosidation of lipids (D) in trapping the light and transforming it into chemical energy Which one of the following cellular parts is correctly described? 68. (A) Centrioles-Sites for active RNA synthesis (B) Lysosomes-Optimally active at a pH of about 8.5 (C) Thylakoids-Flattened membranous sacs forming the grana of chloroplasts (D) Ribosomes-Those on chloroplasts are larger (80S) while those in the cytoplasm are smaller (70S). 69. NOR is (A) nucleotide organising replicase (B) nucleotide occluding region (C) number of replicous (D) nucleolar organising region Space for rough work

[16]		For Students	in Class 11 goi	ng to Class 12 in 2	2019 (Med.) [SAMPLE PAPER]
70.	Nuc	leus controls cytoplasmic f	unctioning by	sending out	
	(A) c	cholesterol (B) pro	otein	(C) RNAs	(D) DNA copies
71.	Mito	chondria are semi-autono	mous as they	oossess	
	(A) [DNA		(B) DNA + RNA	ι.
	(C) [DNA + RNA + ribosomes		(D) proteins	
72.	Thre Whi	ee of the following stateme ch one is wrong?	ents regarding	cell organelles a	re correct while one is wrong.
	(A) Lysosomes are double membraned vesicles budded off from Golgi apparatus and con- tain digestive enzymes				
	(B)	Endoplasmic reticulum co port, synthesis and secre	onsists of a net etion.	work of membran	ous tubules and helps in trans-
	(C) Leucoplasts are bound by two membranes, lack pigment but contain their own DNA and protein synthesizing machinery				
	(D)	Sphaerosomes are singl storage of lipids	e membrane	bound and are a	ssociated with synthesis and
73.	Acco lipida fied	ording to widely accepted s and integral proteins can in several respects. In this	"fluid mosaic diffuse rando regard, which	model" cell mem mly. In recent yea of the following s	branes are semi-fluid, where trs, this model has been modi- statements is incorrect?
	(A) F	Proteins in cell membranes	s can travel wit	hin the lipid bilay	er
	(B) F	Proteins can also undergo	flip-flop mover	nents in the lipid l	bilayer
	(C) F	Proteins can remain confin	ed within certa	ain domains of the	e membrane
	(D) I	Many proteins remain com	pletely embed	ded within the lipi	d bilayer
74.	Gerr	mplasm preservation at ult	ra-low temper	atures around –1	96°C is called as:
	(A) c	ryopreservation		(B) ultrapreserv	ration
	(C) d	chemical preservation		(D) physical pre	eservation
			Space for ro	ugh work	

For St	udents in Class 1	1 going to Class 12 in 20	19 (Med.) [SAMPLE PAPER]	[17]	
75.	Identify A and B	. Give the name of virus			
	Type of virus - C				
	А	В	С		
	(A) RNA	Capsid	Tobacco Mosaic Virus		
	(B) DNA	Capsid	Tobacco Mosaic Virus		
	(C) RNA	Lipid	Tobacco Mosaic Virus		
	(D) RNA	Protein	HIV		
76.	Which is the co	rrect option for the all g	iven characteristics of fungi?		
	(I) It includes ur	nicellular as well as mult	icellular fungi		
	(II) In multicellul	lar forms hyphae are bra	anched and septate		
	(III) Conidiopho	re produces conidia (sp	ores) exogenously in chain		
	(IV) Sexual spores are ascopores produced endogenously in chain				
	(V) Fruiting body is called ascocarp				
	(A) Phycomyce	etes	(B) Sac fungi		
	(C) Club fungi		(D) Fungi imperfecti		
77.	Which of the fo	llowing shows coiled RN	NA strand and capsomeres?		
	(A) Polio virus		(B) Tobacco masaic virus		
	(C) Measles vir	US	(D) Retrovirus		
		Space	for rough work		

[18]	For Students in Class 11 goi	ng to Class 12 in 2019 (Med.) [SAMPLE PAPER]
78.	Viruses have:	
	(A) DNA enclosed in a protein coat	(B) Prokaryotic nucleus
	(C) Single chromosome	(D) Both DNA and RNA
79.	What one of the following statement is true?	
	(A) Toadstool is an edible fungus	(B) Rust fungi are homoecious
	(C) Parathecium is fruiting body	(D) In mushroom gills produce basidia
80.	Which of the following combinations of chara	acters is true for slime moulds?
	(A) Parasitic, plasmodium with true walls, spe	ores dispersed by air currents
	(B) Saprophytic, plasmodium without walls, s	pores dispersed by water
	(C) Parasitic, plasmodium without walls, spo	res dispersed by water
	(D) Saprophytic, plasmodium without walls, s	spores dispersed by air currents
81.	Diatom frustule/shell is made of	
	(A) silica	(B) lime
	(C) magnesium carbonate	(D) any of the above
82.	Viroids have	
	(A) ssRNA not enclosed by protein coat	(B) ssDNA not enclosed by protein coat
	(C) dsDNA enclosed by protein coat	(D) dsRNA enclosed by protein coat
83.	Viruses belong to kingdom	
	(A) monera	(B) protista
	(C) fungi	(D) none of the above
84.	The plant body of moss (Funaria) is	
	(A) completely sporophyte	
	(B) completely gametophyte	
	(C) predominantly sporophyte with gametoph	yte
	(D) predominantly gametophyte with sporoph	yte
	Space for ro	ngh work

For S	tudents in Class 11 goin	g to Class 12 in 2019 (Med.) [SAMPLE P/	APER] [19]
85.	Apophysis in the cape	sule of Funaria is		
	(A) lower part	(B) upper part	(C) middle part	(D) fertile part
86.	Identify the phyllotaxy			
	(A) A-Alternate, B-Op	posite, C-Whorled		
	(B) A-Whorled, B-Opp	oosite, C-Alternate		
	(C) A-Alternate, B-Wh	norled, C-Opposite		
	(D) A-Whorled, B-Alte	ernate, C-Opposite		
87.	What type of placenta	ation is seen in sweet	pea?	
	(A) Axile	(B) Free central	(C) Marginal	(D) Basal
88.	Keel is characteristic	of the flowers of		
	(A) Gulmohur	(B) Cassia	(C) Calotropis	(D) bean
89.	Match the followings	and choose the right c	ombination	
	(A) Endodermis		(I) Companion ce	ells
	(B) Stomata		(II) Lenticels	
	(C) Sieve tube		(III) Palisade cell	s
	(D) Periderm		(IV) Passage cel	lls
	(E) Mesophyll		(V) Accessory ce	ells
	(A) A-IV; B-V; C-II; D-I;	E-III	(B) A-V; B-III; C-I;	; D-II; E-IV
	(C) A-IV; B-V; C-I; D-II	; E-III	(D) A-II; B-V; C-III	I; D-IV; E-I
		Space for r	ough work	

[20]	0] For Students in Class 11 going to Class 12 in 2019 (Med	.) [SAMPLE PAPER]
90.	0. The angiosperms have	
	(A) tracheae and sieve tubes (B) tracheids, tracheae a	nd sieve tubes
	(C) tracheae, sieve cells and sieve tubes (D) tracheids, tracheae a	nd sieve cells
91.	1. Cockroaches are placed in the phylum-Arthropoda because	
	(A) Chewing mouth parts (B) Presence of wings	
	(C) Chitinous exoskeleton (D) Jointed appendages	
92.	2. Which of the following are the wax secreting cells in cockroach?	
	(A) Trichogen cells (B) Tormogen cells (C) Oenocytes cells (D)	Glandular cells
93.	Cockroaches can climb smooth or steep surfaces due to the presence found on the tarsus of their legs. They are called	e of adhesive pads
	(A) Pretarsus (B) arolium (C) plantulae (D)	tibia
94.	4. Study the given figure of alimentary canal of cockroach. Identify the pa	arts that helps in the
	removal of excretory products from the haemolymph.	
	(A) I (B) II (C) III (D)	N
95.	5. Cholesterol is considered as a crucial molecule in animals because it is	3
	(A) necessary for survival	
	(B) energy source	
	(C) helps in hydrolysis of glycogen	
	(D) Source of many vertebrate hormones and other steroids	
	Space for rough work	



[22]		For Students in Class 11 going to Class 12 in 2019 (Med.) [SAMPLE PAPER]
100.	Iden	tify the wrong statement regarding the function of liver.
	(A)	Production of bile
	(B)	Convert excess of glucose into glycogen
	(C)	Conversion of glucose into glycogen is accompanied with the help of insulin secreted by hepatic lobes
	(D)	Converts toxic substances into non-toxic substances i.e., detoxification
101.	Whie	ch one is a disorder of overnutrition?
	(A)	Kidney and gall blader stone
	(B)	Scurvy and osteomalacia
	(C)	Hypercholesterolemia and fluorosis
	(D)	Vitamin-A toxicity and urine laden with ketone bodies
102.	Wha	t happens in Hamburger shift?
	(A)	HCO_3^- ions move out from the plasma and CI ⁻ ions enters into RBC
	(B)	CO_3^- ions move out from the plasma and CI^- ions enters into RBC
	(C)	$H^{\scriptscriptstyle+}$ ions move out from the plasma and $CI^{\scriptscriptstyle-}$ ions enters into RBC
	(D)	HCO_3 ions move out from the plasma and H ⁺ ions enters into RBC
103.	Bloo Whic	d analysis of patient reveals an unusual high quantity of carboxy haemoglobin content. ch of the following conclusion is most likely to be correct?
	(A)	The patient has been inhaling poluted air containing high content of carbon disulphide
	(B)	The patient has been inhaling polluted air containing high content of chloroform
	(C)	The patient has been inhaling polluted air containing high content of carbon dioxide
	(D)	The patient has been inhaling polluted air containing high content of carbon monoxide
104.	Larg	e portion of the oxygen is left unused in the human blood. This O_2
	(A)	acts as the reserve during muscular exercise
	(B)	helps in releasing more O_2 to the epithelium tissue
	(C)	raises the pCO ₂ of blood to 75 mm of Hg
	(D)	is enough to keep oxyhaemoglobin saturation at 96%
		Space for rough work



[24]		For	Students in Class 11 goir	ng to Class 12 in 2019 (Med.) [SAMPLE PAPER]							
108.	. Which of the following events do not occur during joint diastole?											
	I.	All four-chamber are in relaxed state.										
	II.	Tricuspid and bicuspid are open.										
	III.	Semilunar valves are closed.										
	IV.	/. Blood from the pulmonary veins and vena cava flows into the left and right ventricles,										
	respectively through the left and right atria.											
	(A) Only I (B) Only III (C) II and IV (D) None of these											
400	(A)		(B) Only III	(C) II and IV	(D) None of these							
109.	I. 11	Atrioventricular	aives									
	н. ш	Semilunar valves										
	III. Right atrium											
	V. JAN The correct nathway of RBC of from the option given below											
	(A)		ithway of RBC of from the option given below. $I \rightarrow IV \rightarrow II$ (B) $V \rightarrow III \rightarrow I \rightarrow II \rightarrow IV$									
	(C)	$V \rightarrow \mathbb{W} \rightarrow \mathbb{W} \rightarrow \mathbb{W} \rightarrow \mathbb{W}$	I	$(D) \downarrow \rightarrow \parallel \rightarrow \parallel \rightarrow \parallel \rightarrow \parallel \rightarrow \parallel$,							
110	(Cho	$r \rightarrow m \rightarrow r \rightarrow $	" thway on the transmiss	ion of impulses in the l	heart beat							
	(A)	AV node \rightarrow SA no	$de \rightarrow Bundle of His \rightarrow I$	Purkinie fibres								
	(B)	SA node \rightarrow AV no	$de \rightarrow Bundle of His \rightarrow F$	Purkinie fibres								
	(C)	SA node \rightarrow Bund	le of His \rightarrow AV node \rightarrow p	ourkinie fibres								
	(D)	SA node \rightarrow Purki	nie fibres \rightarrow Bundle of H	lis \rightarrow AV node								
111.	The	wall of the eyeball	is composed of la	vers.								
	(A)	one	(B) two	(C) three	(D) four							
112.	In hu	In humans, pneumotaxic centre is present in										
	(A)	thalamus	(B) pons region	(C) right hemisphere	(D) left hemisphere							
			Space for rou	ıgh work								

113. In humans, gustatoreceptors are found in											
۵											
5											
the											
shild											
117. Match the following columns.											

[26]				For Stu	dents in Class 11	going to	Class	12 in 2	:019 (Me	ed.)	[SAMPLE PAPER]	
118.	Mat	hch th	e followi	ng colu	mns.							
	Col	umnl		Со	lumn II	_						
	Α.	ANF	1. Reg	ulate bl	ood calcium level	s						
	B.	MSH	2. Deci	rease b	lood pressure							
	C.	GIP	3. pigm	nentatio	n							
	D.	тст	4. Inhit	oit gasti	ric secretion							
	Cod	des										
		Α	В	С	D		Α	В	С	D		
	(A)	4	1	2	3	(B)	2	1	4	3		
	(C)	2	3	4	1	(D)	3	2	4	1		
119.	Vitamin that has similar action as the parathormone is											
	(A)	vitar	nin-A			(B)	vitam	in-B				
	(C)	vitar	min-C			(D)	vitam	in-D				
120.	A patient has swelling around eyes and large as well as popping eye balls.											
	This patient is probably suffering from											
	(A) excessive secretion of thyroxine											
	(B)	B) excessive secretion of calcitonin										
	(C)	C) less secretion of thyroxine										
	(כ) (ח)	(D) less secretion of calcitonin										
	(D) less secretion of calcitonin											
					Space for	rough w	ork					
					×.	8						

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			PA		: PH	SICS			
1.	(C)	2.	(A)	3.	(B)	4.	(B)	5.	(A)
6.	(B)	7.	(D)	8.	(A)	9.	(C)	10.	(D)
11.	(B)	12.	(B)	13.	(B)	14.	(C)	15.	(B)
16.	(D)	17.	(B)	18.	(A)	19.	(A)	20.	(A)
21.	(B)	22.	(A)	23.	(B)	24.	(B)	25.	(C)
26.	(B)	27.	(B)	28.	(D)	29.	(C)	30.	(C)
			PAR	Т-В:	CHEN	IIST R	Y		
31.	(D)	32.	(C)	33.	(C)	34.	(D)	35.	(A)
36.	(A)	37.	(B)	38.	(B)	39.	(A)	40.	(B)
41.	(A)	42.	(D)	43.	(C)	44.	(A)	45.	(C)
46.	(C)	47.	(A)	48.	(D)	49.	(A)	50.	(A)
51.	(C)	52.	(C)	53.	(D)	54.	(C)	55.	(C)
56.	(C)	57.	(B)	58.	(C)	59.	(C)	60.	(D)
			PA	RT-C	: BIO	LOGY			
61.	(C)	62.	(B)	63.	(B)	64.	(A)	65.	(B)
66.	(B)	67.	(C)	68.	(C)	69.	(D)	70.	(C)
71.	(C)	72.	(A)	73.	(C)	74.	(A)	75.	(A)
76.	(B)	77.	(B)	78.	(A)	79.	(D)	80.	(D)
81.	(A)	82.	(A)	83.	(D)	84.	(D)	85.	(A)
86.	(A)	87.	(C)	88.	(D)	89.	(C)	90.	(B)
91.	(B)	92.	(C)	93.	(C)	94.	(B)	95.	(C)
96.	(D)	97.	(C)	98.	(A)	99.	(C)	100.	(B)
101.	(D)	102.	(A)	103.	(B)	104.	(A)	105.	(D)
106.	(B)	107.	(C)	108.	(A)	109.	(B)	110.	(B)
	(A)	112.	(D)	113.	(A)	114.	(A)	115.	(C)
111.	(B)	117.	(D)	118.	(C)	119.	(B)	120.	(C)
111. 116.	(0)		· · ·						