### INTEGRATED P.G. ENTRANCE EXAMINATION, APRIL 2021

### PHYSICS AND CHEMISTRY

Time: Two Hours

Maximum: 400 Marks

#### Instructions to Candidates

- Candidates are provided with a Question Booklet and an OMR Answer Sheet to mark the responses. Write the Register Number, Date of Examination and the integrated programme chosen by the candidate (Physics/Chemistry) in the space provided on the top of this booklet. Read carefully all the instructions given on the OMR sheet.
- This Question booklet contains of 100 objective type questions, with 30 questions in Section A: Physics, 30 questions in Section B: Chemistry, 20 questions in Section C: Mathematics, 10 questions in Section D: Biology and 10 questions in Section E: Computer Science. Each right and wrong answer will carry 4 and -1 mark respectively.

C 4030 (Pages: 14)

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### PHYSICS AND CHEMISTRY

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Time	: Two :	Hours		Maximum: 400 Marks
		Section .	A (P	Physics)
1.	_	le pendulum completes 20 oscillation .1 s. The error in the measurement		25 s. The time is measured with a stop watch least ne is :
	a)	1.6 %.	b)	1.2 %.
	c)	0.8 %.	d)	0.4 %.
2.	The dir	nensional formula for latent heat is	:	
	a)	$M^0 L^2 T^{-2}$ .	b)	$M L^2 T^{-2}$ .
	c)	$M L T^{-2}$ .	d)	$M L^2 T^{-1}$ .
3.	Find th		displ	acement covered by a body along a semicircle of
	a)	2π.	b)	$\pi/2$ .
	c)	π.	d)	3π.
4.	The dir	ection of motion of a projectile at the	e hig	hest point of its trajectory is :
	a)	Horizontal.	b)	Vertical.
	c)	Tangential.	d)	None of these.
5.	springs			bullets with a velocity of 150 ms <sup>-1</sup> , A 60 kg tiger nany bullets must the hunter fire into the tiger in
	a)	80.	b)	10.
	c)	32.	d)	96.
6.	The wo	rking of a rocket is based on the pri	ncipl	e of:
	a)	Elasticity.	b)	Newtons Law.
	c)	Kepler's Law.	d)	Conservation of momentum. Turn over

7.	The es	cape velocity of a body depends on m	ass a	as:
	a)	$m^0$ .	b)	m.
	c)	$m^2$ .	d)	$m^3$ .
8.	A body	floats in water such that 0.3 of its ve	olum	ne is outside. The relative density of the body is :
	a)	0.7.	b)	0.3.
	c)	0.6.	d)	3/7.
9.	540 g o	of ice at 0 $^{\circ}$ C is mixed with 540 g of	wate	er at 80 °C. The final temperature of the mixture
	a)	40°C.	b)	0 °C.
	c)	80 °C.	d)	Less than 1 °C.
10.		te of flow of a liquid in a capillary tu came liquid in another capillary tube		flength L and radius $r$ is V. Then the rate of flow ength 2L and radius $2r$ is:
	a)	2V.	b)	4V.
	c)	8V.	d)	16 V.
11.	The spl	herical shape of rain drop is due to:		
	a)	Density of water.	b)	Gravity.
	c)	Viscosity.	d)	Surface tension.
12.		nasses of all molecules of a gas are ha al pressures will be :	lved	and their speeds doubled, then the ratio of initial
	a)	2:1.	b)	1:2.
	c)	4:1.	d)	1:4.
13.	For a s	imple pendulum the graph between	L an	d T will be a :
	a)	Hyperbola.	b)	Curved one.
	c)	Parabola.	d)	Straight line.
14.	frequen			$0 \text{ km h}^{-1}$ towards an observer and emits sound of 20 km h <sup>-1</sup> , then what is the apparent frequency
	a)	206. 8 Hz.	b)	218.0 Hz.
	c)	Same frequency.	d)	198. 0 Hz.

b) Vacuum.

15. The speed of sound will be greatest in:

a) Air.

...

	c)	Water.	d)	Metal.
16.		int charges, Q and – 2Q are placed at E, then the electric field at the locati		e distance apart. If the electric field at the location $f-2Q$ will be :
	a)	– E/2.	b)	– 3E/2.
	c)	- E.	d)	– 2E.
17.		os of same size are charged at 220 V e al of the bigger drop :	ach.	They coalesce to form a bigger drop. Calculate the
	a)	110 V.	b)	340 V.
	c)	1980 V.	d)	2341 V.
18.		entical wires each having a resistance resistance of :	e of 1	$\boldsymbol{\Omega}$ are connected in parallel. The combination will
	a)	10, Ω.	b)	1 Ω.
	c)	0.1 Ω.	d)	0.01 Ω.
19.		norizontal components of earths mag what is the total magnetic field of ea		field at a place is 0.3 $ imes$ 10 $^{-4}$ T. If the angle of dip
		$0.4 \times 10^{-4} \mathrm{T}.$	b)	$0.34 \times 10^{-4} \mathrm{T}.$
	c)	$0.8 \times 10^{-4} \mathrm{T}.$	d)	$0.6 \times 10^{-4}$ T.
20.	At curi	e point, a ferromagnetic material bec	come	s:
	a)	Non-magnetic.	b)	Diamagnetic.
	c)	Paramagnetic.	d)	Ferrimagnetic.
21.	A 44 m in the c		Hz	a.c. supply. Determine the r.m.s. value of current
	a)	15.9 A.	b)	16.4 A.
	c)	16.7 A.	d)	7.8 A.

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22.	Velocit	y of light is equal to :		
	a)	$\sqrt{\epsilon_0\mu_0}$ .	b)	$\epsilon_0/\mu_0$ .
	,, c)	$\sqrt{\epsilon_0/\mu_0}$ .	d)	$1/\sqrt{\epsilon_0/\mu_0}$ .
23.	maxim		naxi	ngths of 500 nm and 700 nm are used. What is the mum, were their maximas coincide again? ning:
	a)	4.3 mm.	b)	3.5 mm.
	c)	3.7 mm.	d)	8.2 mm.
24.		irrors are kept at 60° to each other formed is:	and	a body is placed at middle. The total number of
	a)	Six.	b)	Four.
	c)	Five.	d)	Three.
25.		oscope is employed by a physician to nciple of :	viev	v the internal parts of a body organ. It is based on
	a)	Refraction.	b)	Reflection.
	c)	Total internal reflection.	d)	Dispersion.
26.	A radio		d of	1600 years. After 6400 years what amount will
	a)	1/2.	b)	1/16.
	c)	1/8.	d)	1/4.
27.	In term	as of Bohr radius $a_0$ , the radius of th	e sec	ond Bohr orbit of a hydrogen atom is given by:
	a)	$4 a_0$ .	b)	8 a <sub>0</sub> .
	c)	6 <i>a</i> <sub>0</sub> .	d)	2 a <sub>0</sub> .
28.	An intr	insic semiconductor, at absolute zero	tem	perature behaves like:
	a)	Insulator.	b)	Superconductor.
	c)	n-type semiconductor.	d)	p-type semiconductor.

29. In a binary number system, 111 represents	29.	In a binary	number	system.	111	represents
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a) One.

b) Three.

c) Seven.

d) Six.

30. The maximum distance up to which TV transmission from a TV tower of height h can be received is proportional to:

a)  $h^{3/2}$ .

b) h.

c)  $h^{1/2}$ .

d)  $h^2$ .

### Section B (Chemistry)

31. The largest number of molecules is in :

a) 22 g CO<sub>2</sub>.

b) 46g of  $C_2H_5OH$ .

c)  $54 \text{ g of } H_2O$ .

d) 54g of N<sub>2</sub>O<sub>5</sub>.

32. The standard reduction potentials at 298 K for single electrodes are given below:

Electrodes	Electrode potential
Mg <sup>2+</sup> /Mg	- 2.34
$Zn^{2+}/Zn$	- 0.76
Fe <sup>2+</sup> /Fe	- 0.44

From this we can infer that

- a) Zn can reduce both  $Mg^{2+}$  and  $Fe^{2+}$ .
- b) Fe can reduce both  $Mg^{2+}$  and  $Zn^{2+}$ .
- c) Mg can reduce both  $Fe^{2+}$  and  $Zn^{2+}$ .
- d) Mg can reduce  $Zn^{2+}$  but not  $Fe^{2+}$ .

33. Which of the following is isoelectronic with 'Ne' atom:

a) Na<sup>+</sup>.

b) Al+.

c) O-.

d)  $N^{2-}$ .

Turn over

- 34. Which of the following condition is not satisfied by an ideal solution?
  - a)  $\Delta H_{\text{mixing}} = 0$ .

- b)  $\Delta V_{\text{mixing}} = 0$ .
- c) Raoult's Law is obeyed.
- d) Formation of an azeotropic mixture.
- 35. Ester hydrolysis of ethyl acetate is:
  - a) First order reaction.
- b) Second order reaction.
- c) Pseudo-first order reaction.
- d) Pseudo second order réaction.
- 36. The rate of a certain hypothetical reaction  $A + B + C \rightarrow P$  is given by

Rate =  $-d[A]/dt = k[A]^{1/2}[B]^{1/3}[C]^{1/4}$ . Then the order of the reaction is:

a) 1/24.

b) 3/9.

c) 13/12.

- d) 3.
- 37. The radius of second orbit of hydrogen atom is given by (in  $A^0$ ):
  - a) 0.53.

b) 1.06.

c) 2.12.

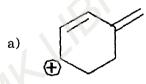
- d) 4.24.
- 38. Plot of  $\log (x/m)$  against  $\log P$  is a straight line inclined at an angle of 45°. When the pressure is 0.5 atm and Fraundlich parameters k is 10, then the amount of solute adsorbed per gram of adsorbent will be ( $\log 5 = 0.96$ ):
  - a) 1 g.

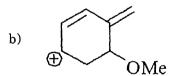
b) 2 g.

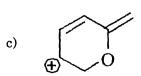
c) 3 g.

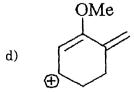
d) 5 g.

39. Most stable carbocation is:









40.	Α	real	gas	is	expected	to	be.	ideal	at.	
<b>T</b> U .	~ ~	LCUI	Sas	10	CAPCCICA	$\omega$	<b>U</b> .	iucai	$a_{\nu}$	٠

- Low temperature and low pressure.
- b) Low temperature and high pressure.
- High temperature and low pressure.
- d) High temperature and high pressure.

# 41. The correct statement regarding with the molecules $\mathrm{NH_3}$ , $\mathrm{H_2O}$ , and $\mathrm{CH_4}$ is :

- They have same number of lone pair electrons.
- They have tetrahedral geometry.
- c) They have same bond angle.
- d) All of them are showing sp<sup>3</sup> hybridization.

### 42. Which one the following is aromatic?

- a) Cyclopentadienyl cation.
- b) Cyclopropenyl anion.
- c) Cycloheptatrienyl cation.
- Cyclopentadiene.

### 43. The correct acidic order from the following is:

- $\begin{array}{lll} a) & BF_3 < BCl_3 < BBr_3 < BI_3. & \\ & \\ c) & BCl_3 < BF_3 < BBr_3 < BI_3. & \\ & \\ d) & BCl_3 > BF_3 > BBr_3 > BI_3. \end{array}$

### 44. The ratio of shortest distance between cation and anion in NaCl to that of CsCl is:

d) 1.

# 45. The electronic configuration of central metal ion in $\left[\operatorname{Co}\left(\operatorname{NH}_{3}\right)_{6}\right]\operatorname{Cl}_{3}$ is:

a)  $t_{2g}^{6} eg^{0}$ . c)  $t_{2g}^{4} eg^{2}$ .

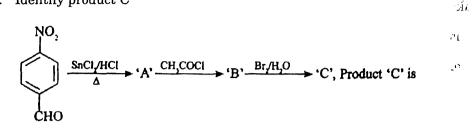
- 46. Number of self-aldol condensation reaction in formaldehyde is:
  - a) 1.

b) 2.

c) 3.

d) 0.

47. Identify product C



a) Br CHO

b) NHCOCH, Br

c) Br CHO

- d) NH<sub>2</sub> Br
- 48. 4-Nitrotoluene is treated with bromine to get P. 'P' is reduced with Sn/HCl to get compound Q. Q is diazotized and the product is treated with phosphinic acid to get compound 'R', 'R' is oxidised with alkaline KMnO<sub>4</sub>to get 'S'. Compound 'S' is:
  - a) 2-Bromo-4-hydroxy benzoic acid.
- b) 3-Bromo benzoic acid.
- c) 4-Bromo benzoic acid.
- d) 2-Bromo benzoic acid.
- 49. Slag formed during the extraction of Iron is:
  - a) CaSiO<sub>3</sub>.

b) CaO.

c) SiO<sub>2</sub>.

- d) FeSiO<sub>3</sub>.
- 50. Iodoform reaction is shown by:
  - a) Phenol.

b) Benzoic acid.

c) Acetaldehyde.

d) Formaldehyde.

- 51. The incorrect statement in the following is:
  - a) Transition state is formed during  $S_N^{-1}$  reaction.
  - b) Carbocation is formed in  $S_N^{\ 1}$  reaction.
  - c) Inversion takes place during  $S_N^{\ 2}$  reaction.
  - d)  $S_N^2$  reaction is a single step reaction.
- 52. The order of basicity of methyl substituted amines in aqueous solution is:
  - a)  $3^{\circ} > 2^{\circ} > 1^{\circ}$ .

b)  $2^{\circ} > 1^{\circ} > 3^{\circ}$ .

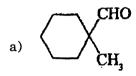
c)  $1^{\circ} > 2^{\circ} > 3^{\circ}$ .

- d)  $2^{\circ} > 3^{\circ} > 1^{\circ}$ .
- 53. Which of the following has magnetic moment value of 5.9?
  - a) Cu<sup>2+</sup>.

b)  $Cr^{2+}$ .

c)  $Fe^{2+}$ .

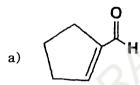
- d)  $Fe^{3+}$ .
- 54. Cannizzaro reaction is not given by:



b) CHC

c) HCHO.

- d) CH<sub>3</sub>CHO.
- 55. Ozonolysis followed by Zn/H<sub>2</sub>O treatment of cyclohexene yield compound 'A'. Which upon treatment with KOH, compound 'B' is formed. Compound 'B' is:







- d) ОН
- 56. The process occur under adiabatic condition, the correct condition is:
  - a)  $\Delta V = 0$ .

b) w = 0.

c)  $\Delta T = 0$ .

d) q = 0.

(i)

57.		ocess, 500 J of heat is absorbed by a hange in internal energy for the pro		cm and 300 J of work is done by the system. What :
	a)	200 J.	b)	800 J.
	c)	– 200 J .	d)	– 800 J.
58.	Which	of the following reactions does not in	ıvolv	e either oxidation or reduction ?
	a)	$VO^{2+} \rightarrow V_2O_3$ .	b)	$Mg \rightarrow Mg^{2+}$ .
	c)	$CrO^{2-}_{4} \to Cr_{2}O_{2}^{-7}$ .	d)	$Zn^{2+} \rightarrow Zn$ .
59.	Monom	er of polystyrene is :		6
	a)	$\mathrm{C_2H_5}$ — $\mathrm{CH}$ = $\mathrm{CH_2}$ .	b)	CH <sub>2</sub> =CH-Cl.
	c)	$\mathrm{CH}_2$ = $\mathrm{CH}$ — $\mathrm{CHO}.$	d)	Ph-CH=CH <sub>2</sub> .
60.	The ion	having highest bond order is:		
	a)	NO <sup>+</sup> .	b)	O <sub>2</sub> +.
	c)	N <sub>2</sub> <sup>+</sup> .	d)	C <sub>2</sub> +.
		Section C (		
61.	The fur	$action f: \mathbb{R} \to \mathbb{R} \text{ defined by } f(x) = \frac{e}{1}$	$\frac{ x _{-}}{e^x +}$	$\frac{e^{-x}}{e^{-x}}$ is:
	a)	Bijective.		Injective but not surjective.
	<b>c</b> )	Surjective but injective.	d)	Neither injective nor surjective.
62.	If $z_1$ and	$\operatorname{id} z_2$ are two complex numbers such	that	$ z_1 + z_2  =  z_1  +  z_2 $ . Then:
	a)	$\arg(z_1)-\arg(z_2)=0.$	b)	$\arg(z_1) - \arg(z_2) = -\pi.$
	c)	$\arg(z_1) - \arg(z_2) = \frac{\pi}{2}.$	d)	$arg(z_1) - arg(z_2) = \pi.$
63.	If $a, b, c$	c are in GP and $a-b$ , $c-a$ , and $b-$	c are	in HP, then $a+4(b+1)+c$ is equal to:
	a)	0.	b)	<b>- 2</b> .
	c)	4.	d)	2.
64.	Numbe	r of real roots of the equation $x \mid x \mid$	-3 :	$x \mid +3 = 0 \text{ is}$ :
	a)	1.	b)	4.
	<b>c</b> )	0.	d)	2.
35. <b>.</b>	What n	umber of ways we can select two or	more	e items form a group of 100 distinct items?
	a)	2 <sup>100</sup> .	b)	$100^2 - 2$ .
	c)	$2^{100}-1$ .	<b>d</b> )	$2^{100} - 101.$
	C)	~ u.	α,	2 101.

Turn over

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66.	The nu	mber of ordered triplets of positive in	ntege	ers whose sum equal to 100 is:	
	a)	5081.	b)	6005.	
	c)	4851.	d)	4891.	
67.	The lin	ex + y = 4 divides the line joining th	e po	ints $(-1,1)$ and $(5,7)$ in the ratio:	
	a)	2:1.	b)	1:2.	
	c)	1:1.	d)	2:3.	
68.		quation of a circle passing the $x^2 + 2x + 4y + 6 = 0$ and $x^2 + y^2 + 4x + 4y + 6 = 0$		gh the point $(1,1)$ and cuts the $2=0$ orthogonally is:	circles
	a)	$x^2 + y^2 + 16x + 12y + 2 = 0.$	b)	$x^2 + y^2 + 16x - 12y - 2 = 0.$	•
	c)	$x^2 + y^2 - 16x - 12y + 2 = 0.$	d)	$x^2 + y^2 - 16x + 12y + 2 = 0.$	
69.	Co-ordi	inates of the focus of the parabola $x^2$	2 - 4	x-8y-4=0:	
	a)	(0,2).	b)	(1, 2).	
	c)	(2, 1).	d)	(-2, -1).	
70.	The eco	centricity of the conic $x^2 - 4x + 4y + 4y$	$4y^2$	-12 = 0 is:	
	a)	$\frac{\sqrt{3}}{2}$ .	b)	VZ	
	c)	$\frac{1}{2}$ .	d)	$\frac{3}{4}$ .	
71.	$\lim_{x\to 0} \left[ ta \right]$	$\tan\left(\frac{\pi}{4}+x\right)\right]^{\frac{1}{x}}:$			
	a)	$e^2$ .	b)	e.	
	c)	√e.	d)	$\frac{1}{\sqrt{e}}$ .	
72.	The set	of all points at which the function /	f(x)	$= \frac{x}{1 -  x }$ is differentiable is:	
	a)	$(-\infty,0)\cup(0,\infty).$	b)	$(-\infty, -1) \cup (-1, \infty).$	
	<b>c</b> )	$ig(-\infty,0ig)\cupig(0,\inftyig).$ $ig(-\infty,1ig)\cupig(1,\inftyig).$	d)	$(-\infty,-1)\cup(-1,1)\cup(1,\infty).$	
73.	The po	int of the hyperbola $\frac{x^2}{24} - \frac{y^2}{18} = 1$ which	h is ı	nearest to the line $3x + 2y + 1 = 0$ :	

b) (6, -3). d) (-6, -3).

a) (-6,3). c) (6,3).



74.	$\int_0^1$	tan-1	x dx	is equal to	
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a)  $\frac{\pi}{4} + \frac{1}{2} \log 2$ .

b)  $\frac{\pi}{4} - \frac{1}{2} \log 2$ .

c)  $\frac{\pi}{4}$ .

d)  $\frac{\pi}{4} + \log 2$ .

75. If  $\vec{a} = \hat{i} - \hat{j} + \hat{k}$  and  $\vec{b} = -2\hat{i} - \hat{j} + \hat{k}$  and  $\vec{c}$  and is a vector such that  $\vec{a} \cup \vec{c} = 0$  and  $\vec{a} \times \vec{c} = \vec{b}$ , then  $\vec{c}$  is equal to:

a)  $-\hat{i}-\hat{j}$ .

b)  $\hat{i} - \hat{k}$ 

c)  $\hat{j} + \hat{k}$ .

d)  $\hat{i} + \hat{j}$ .

76. The angle between the lines  $\frac{x-2}{3} = \frac{y+1}{-2}$ , z = 2 and  $\frac{x-1}{1} = \frac{2y+3}{3} = \frac{z+5}{2}$  is:

a)  $\frac{\pi}{3}$ 

b)  $\frac{\pi}{2}$ 

c)  $\frac{\pi}{6}$ 

 $1) \quad \frac{\pi}{4}.$ 

77. Out of 30 consecutive integers, three are selected at random. Then the probability of the sum of the selected numbers is divisible by 3 is equal to:

a)  $\frac{2}{3}$ 

b)  $\frac{136}{416}$ 

c)  $\frac{68}{203}$ .

d)  $\frac{146}{406}$ 

78. If  $A = \begin{bmatrix} 0 & 1 \\ 1 & 0 \end{bmatrix}$  then  $A^{13}$  is equal to:

a)  $\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$ .

b)  $\begin{bmatrix} 0 & 1 \\ 1 & 0 \end{bmatrix}$ 

 $c) \quad \begin{bmatrix} 0 & 1 \\ 1 & 1 \end{bmatrix}.$ 

d)  $\begin{bmatrix} 1 & 1 \\ 1 & 0 \end{bmatrix}$ 

79. Solution of the differential equation  $\frac{dy}{dx} + y \tan x = \sec x$  is:

a)  $y = \sin x + c \cos x$ .

b)  $y = -\sin x + c\cos x.$ 

c)  $y = \cos x + c \sin x$ .

d)  $y = \tan x + c \cot x$ .

80.	If A is	a finite set with 6 elements. Then nu	mbe	r of bijections from A to A is equal to :
	a)	64.	b)	720.
	c)	15.	d)	36.
		Section 1	D (B	iology)
81.	In male	e cockroach, genital pouch is formed	fron	1:
	a)	7 <sup>th</sup> , 8 <sup>th</sup> and 9 <sup>th</sup> sterna.	b)	9 <sup>th</sup> 10 <sup>th</sup> terga and 9 <sup>th</sup> sternum.
	c)	8 <sup>th</sup> , 9 <sup>th</sup> sterna and 10 <sup>th</sup> tergum.	d)	7 <sup>th</sup> , 8 <sup>th</sup> terga and 9 <sup>th</sup> sternum.
82.	In a Dl	NA molecule, if the amount of thymir	ne is	35%, then what is the amount of cytosine?
	a)	35 %.	b)	20 %.
	c)	15 %.	d)	30 %.
83.	Name t	the hormone secreted by the kidney :	;	
	a·)	Secretin.	b)	Renin.
	c)	Aldosterone.	d)	Erythropoietin.
84.	In whic	ch of the following pairs of examples,	, bot	h are hormone releasing lUDs ?
	a)	Cu7 and Multiload 375.	b)	Progestasert and LNG 20.
	c)	Multiload 375 and Progestasert.	d)	Lippes Loop and Multiload 375.
85.	Industr	rial melanism is an example for :		
	a)	Natural selection.	b)	Artificial selection.
	c)	Adaptive radiation.	d)	Convergent evolution.
86.	Which	among the following is known as ph	ytog	erentological hormone?
	a)	Auxin.	b)	Ethylene.
	c)	Cytokinin.	d)	Gibberellin.
87.	During	photosynthesis, the immediate dono	r of	electron to PSI is :
	a)	Cty.b.	b)	Cyt.c.
	c)	Ferredoxin.	d)	Plastocyanin.
88.	Exanth	ema of fruit trees occurs due to the	defic	iency of :
	a)	Cu.	b)	Fe.
	c)	Zn.	d)	Mg.
89.	Which	among the following statements is N	OT	true for mature phloem sieve tube elements?
	a)	They lack ribosomes.	b)	They lack nuclei.
	c)	They possess plastids.	d)	They possess microfilaments and microtubules.
90.	Which	among the following is ${f NOT}$ a sorosi	s?	
	a)	Jack fruit.	b)	Mulberry.
	<b>c</b> )	Custard apple.	d)	Pineapple.
				Turn over

### Section E (Computer Science)

91.	FIFO I	policy is associated with ————	d	ata structure.
	a)	Queue.	b)	Stack.
	c)	Tree.	d)	Array.
92.	In Hex	adecimal number system has ———		—— symbols.
	a)	10.	b)	12.
	c)	15.	d)	16.
93.		———— IP address ts an example	e for l	loopback address.
	a)	127.0.0.1.	b)	127.0.1.0.
	c)	127.1.0.0.	d)	255.0.0.
94.	HTML	stands for ———.		
	a)	Higher Text Makeup Language.	b)	Hyper Text Markup Language.
	c)	Higher Text Markup Language.	d)	Hyper Text Making Language.
95.	1 KB n	neans ———— bytes.		
	a)	1000.	b)	2000.
	c)	1024.	d)	8.
96.	Which	of the following is an example of sys	stem	software?
	a)	MS-Office.	b)	MS-Windows.
	c)	MS-Calc.	d)	MS-Excel.
97.	Which	of the following software is most su	itable	e for making resume/biodata?
	a)	C++.	b)	MS-PowerPoint.
	c)	MS-Excel.	d)	MS-Word.
98.	Which class?	feature of the Object Oriented Pro	ogran	nming Language derives the class from another
	a)	Inheritance.	b)	Data Encapsulation.
	.c)	Polymorphism.	d)	Virtualization.
99.	A prog	ram that is used to view website is c	alled	as ———.
	a)	Web viewer.	b)	Word processor.
	c)	Browser.	d)	Spreadsheet.
100.	The ter	rm ———— is used to refer	to a	row in a table.
	<u>a)</u>	Attribute.	b)	Field.
	c)	Tuple.	d)	Instance.