



NEET (UG) 2024

Questions, Answer Key & Solutions

Date: 05 May, 2024 | TIME: (02:00 PM to 05:20 PM)

Duration: 200 minutes (03 Hrs. 20 Min.) | Max. Marks: 720

Important Instructions:

- 1. The Answer Sheet is inside this Test Booklet. When you are directed to open the Test Booklet, take out the Answer Sheet and fill in the particulars on ORIGINAL Copy carefully with **blue/black** ball point pen only.
- 2. The test is of 3 hours 20 minutes duration and Test Booklet contains 200 multiple-choice questions (four options with a single correct answer) from Physics, Chemistry and Biology (Botany and Zoology). 50 questions in each subject are divided into two Sections (A and B) as per details given below :
 - (a) Section A shall consist of 35 (Thirty-five) Questions in each subject (Questions Nos 1 to 35, 51 to 85, 101 to 135 and 151 to 185). All questions are compulsory.
 - (b) Section B shall consist of 15 (Fifteen) questions in each subject (Question Nos 36 to 50, 86 to 100, 136 to 150 and 186 to 200). In Section B, a candidate needs to attempt any 10 (Ten) questions out of 15 (Fifteen) in each subject.
 - Candidates are advised to read all 15 questions in each subject of Section B before they start attempting the question paper. In the event of a candidate attempting more than ten questions, the first ten questions answered by the candidate shall be evaluated.
- 3. Each question carries **4 marks**. For each correct response, the candidate will get 4 marks. For each incorrect response, **one mark** will be deducted from the total scores. **The maximum marks are 720.**
- 4. Use Blue/Black Ball Point Pen only for writing particulars on this page/marking responses on Answer Sheet.
- 5. Rough work is to be done on the space provided for this purpose in the Test Booklet only.
- 6. On completion of the test, the candidate **must hand over the Answer Sheet (ORIGINAL and OFFICE Copy) to the Invigilator** before leaving the Room/Hall. The candidates are allowed to take away this Test Booklet with them.
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In case of any ambiguity in translation of any question, English version shall be treated as final. प्रश्नों के अनुवाद में किसी अस्पष्टता की स्थिति में, अंग्रेजी संस्करण को ही अन्तिम माना जायेगा।

Name of the Candidate (in Capital letters):

Roll Number: in figures:

Name of Examination Centre (in Capital letters) :

Candidate's Signature:

Invigilator's Signature:

in words:

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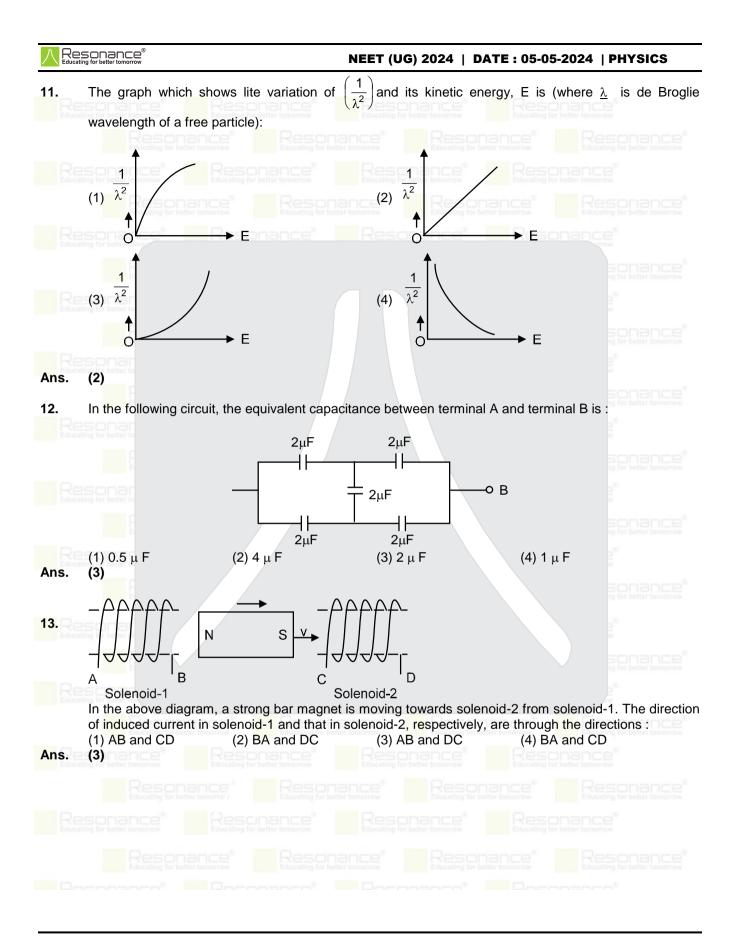
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	SONANCe [®]		NEET (UG) 2024	DATE:05-05-2024 PHYSICS
0-		PAR	T : PHYSICS	
1.	fie <mark>ld at</mark> the centre of (1) 4.4 mT			t of 7 A. The magnitude of the magnetias $4\pi \times 10^{-7}$ SI units): (4) 4.4 T
Ans.				
2. Re	Match List-I with List- List-I (Material)	List-II (Susceptibility χ	itter tomorrow Resonance	
	A. diamagnetic B. Ferromagnetic	I. $\chi = 0$ II. $0 > \chi \ge -1$		
	C. Paramagnetic	III. χ >>1		
	D. Non-magnetic	IV. $0 < \chi < \varepsilon$ (a si	mall positive number)	
Ans.	Choose the correct a (1) A-III, B-II,C-I,D-IV (2) A-IV, B-III,C-II,D- (3) A-II, B-III,C-IV,D- (4) A-II, B-I,C-III,D-IV (3)	nswer from the optic / I		
3.	A thermodynamic sy	stem is taken throug P	h the cycle abcda. the	work done by the gas along the path I
		T i	d	
		300kPa		
		100kPa	ia jo	
			100cm ³ 400cm ³	
Ans.	(1) -90 J ³ (3)	(2) –90 J	(3) Zero	(4) 30 J
4. Real	(1) both the reflected	and refracted light w will be completely po will be partially polar	rised.	
Ans.	(2) (2)	ce' Resor	nance' Res	
			etter tomorrow Education	
5. Re	In an ideal transform	er, the turns ratio is	$\frac{N_p}{N_s} = \frac{1}{2}$. The ratio Vs	$s: V_p $ is equal to (the symbols carry the
Ans.	us <mark>ual meaning):</mark> (1) 1 : 1 (4)	(2) 1 : 4	(3) 1 : 2	

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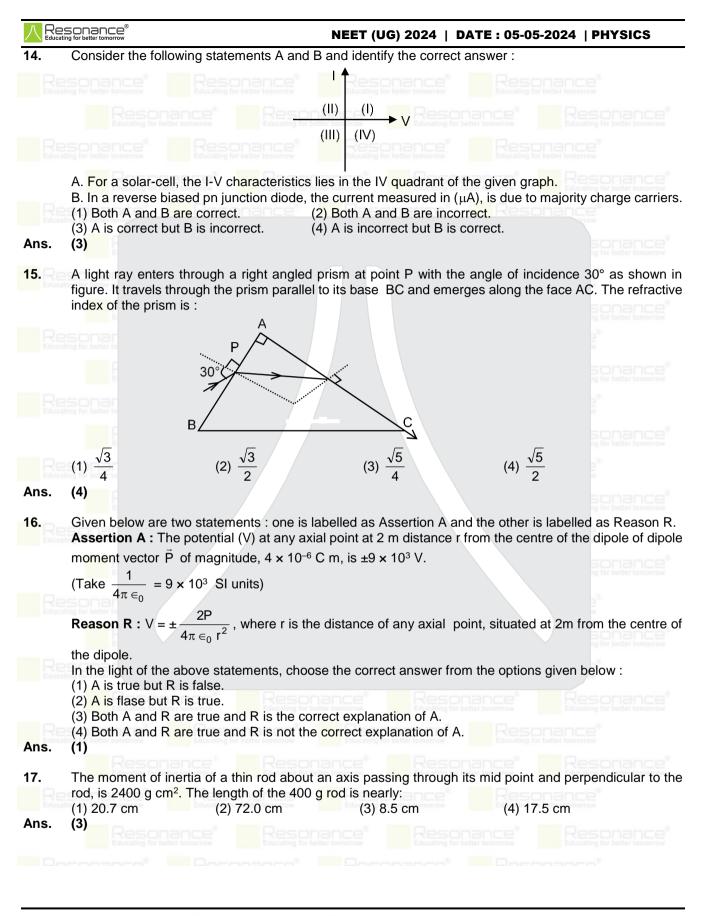
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			NEET (UG) 2024 D	ATE: 05-05-2024	PHYSICS
) .	A logic circuit prov	vides the output Y as pe	r the follwing truth table :		
			A B Y 0 0 1		
			0 1 0		
			1 0 1 1 1 0 Resor		
	The expression fo	r the output Y is	Resonance"		
Ans.	(1) B (1)	(2) B	(3) A.B + Ā	(4) $\overline{A.B} + \overline{A}$	
Re		ers, (N+1) divisions of v	ernier scale coincide with in cm) is :	N divisions of mair	n scale. If 1 MS
	(1) 100 N	(2) 10 (N+1)	(3) 1 10N	(4) $\frac{1}{100(N+1)}$	
<mark>An</mark> s.	(4)				
		ngation of a steel wire o and 8×10 ⁸ Nm ⁻² and 2>	of 1m length if the elastic l <10 ¹¹ Nm ⁻² is :	imit of steel and its Y	∕ouns's moduli
	(1) 40 mm	(2) 8 mm	(3) 4 mm (4	l) 0.4 mm	
Ans.					
). Re Educa			ock A as shown in figure. er a frictionless surface. T		
		F=10N	A B → 2kg 3kg		
	(1) 6 N	(2) 10 N	(3) zero	(4) 4 N	
<mark>ns</mark> .					
0. Refe	(1) There will be a(2) all bright fringe(3) interference pa	central bright white frin s will be of equal width. attern will disappear.	ouble slit experiment is re ge surrounded by a few c	oloured fringes.	t, then
Ans.	(1)	J	,	0	
		Resonance			



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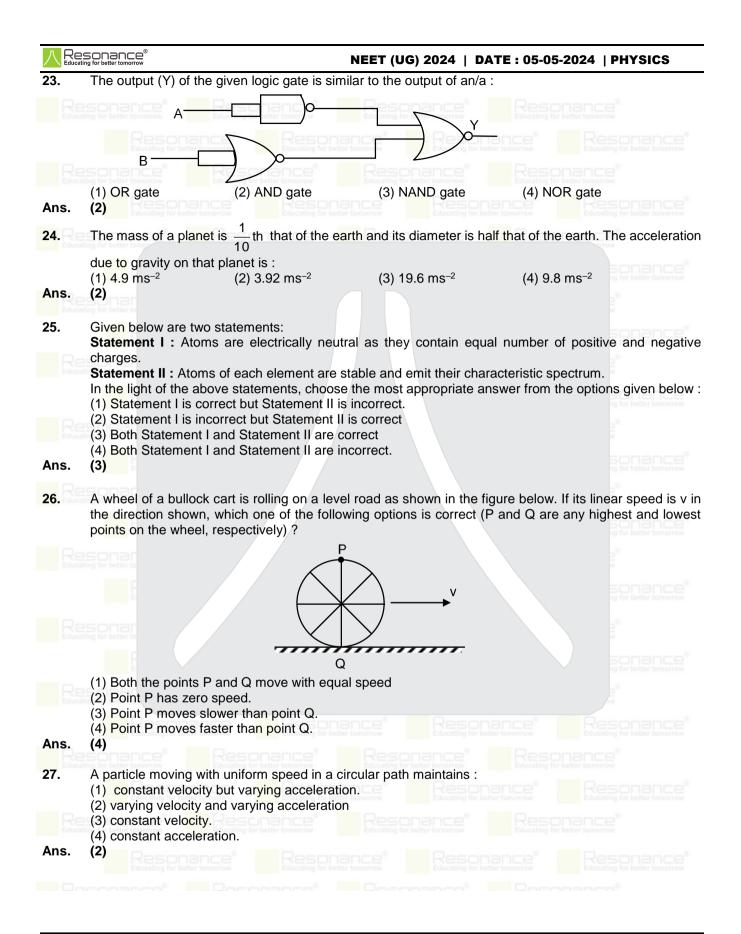
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	ery, whose emf is 10 V and 4Ω as shown in the figure is : 4Ω	internal resistance 1Ω, when connect
	Resonance Educating for better tomorro	
		sonance" Resonance 2" Resonance"
(2) 10 V	(3) 4V	(4) 6V
List I with List II al lines of hydrogen nsitions from)	List II (Wavelengths (nm)	
$n_2 = 3 \text{ to } n_1 = 2$ $n_2 = 4 \text{ to } n_1 = 2$ $n_2 = 5 \text{ to } n_1 = 2$ $n_2 = 6 \text{ to } n_1 = 2$ e the correct answer from the view of the correct answer from the	I. 410.2 II. 434.1 III. 656.3 IV. 486.1 he options given below :	
I, B-I, C-IV, D-III I, B-IV, C-II, D-I		
he velocity of light in free sp The energy of a photon is The velocity of a photon is	E = hv	about photon among the following are
The momentum of a photo	on, p = $\frac{hv}{2}$	
Photon possesses positiv		, "A
$\xrightarrow{\alpha} Y \xrightarrow{e^+} Z \xrightarrow{\beta^-} P \longrightarrow$	e [−] →Q Educating for better tomorro	Educating for better tomorrow
		ing for better tomorrow Educating for better tomorro
3, 82 (2) 286, 8	31 (3) 280, 81	(4) 286, 80
		n by 2t – 1 (SI un <mark>it) u</mark> nder the influenc (4) 5
8, 8 in	32 (2) 286, 8 stant of time t, the displac 5N. The value of instantai (2) 6	stant of time t, the d <mark>ispl</mark> acement of any particl <mark>e is</mark> give 5N. The value of instantaneous power is (in SI unit) :

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			NEET (UG) 2024	DATE : 05-05-	2024 PHYSICS
28.		disc of radius 4.5 cm is 1, then the excess force (2) 99 N			
Ans.		ance" Resor	ance' Res	sonance"	
29. Re	as shown. The m	netic field of 0.049 T, a n oment of inertia of the no × 10 ⁻⁵ Am ² , then value	e <mark>edle</mark> is 9.8 × 10 ^{–6} kg i		oscillations in 5 seconds de of magnetic moment
		ar tomorrow			
		Resonanci	N. B B		
Ans.	(1) 50 π ² (2)	(2) 1280 π ²	(3) 5 π ²	(4) 128	
30 .		d B of same mass unde ity v ₁ while body B is at v ₂ is :			
Ans.	(1) <mark>4:</mark> 1 (4)	(2) 1 : 4	(3) 1 : 2	(4) 2 : 1	ng for better tomorrow
31.	iting for better to	m represents the motic	on of a particle execution	ng simple harmon	ic motion, the amplitude
		f motion, respectively, a			
Ans.	(1) 5 cm, 1 s (4)	(2) 5 m, 1 s	(3) 5 cm, 2 s	(4) 5 m	, 2 s
32. Ans.	The quantities wh (1) strain and arc (3) strain and ang (3)	iich have the same dime		eed and stress	
AI15.	(3)				
33. R	A thin spherical s P (in V) shown in	hell is charged by some the figure is :	source. The potential	difference betwee	en the two points C and
	$(Take\ \frac{1}{4\pi\in_0}=9)$	<10 ⁹ SI units)			
		×	x X X X X X X X X X X X X X X X X X X X		
			C		
		Respondence 🗙	R = 3 cm		
		ance: Rese	x x x x x x x x x x x x x x x x x x x		
Ans.	(1) 0.5 × 10⁵ (2)	(2) zero	(3) 3 × 10 ⁵	(4 <mark>) 1 ×</mark> 10⁵	

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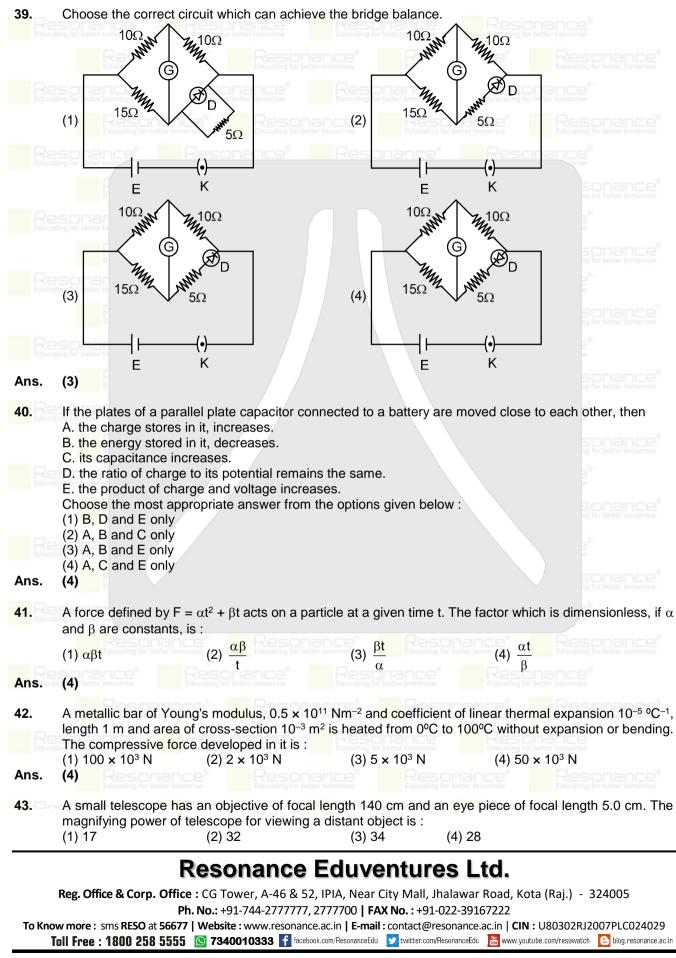
			NEET (UG) 2024	DATE : 05-05-2	024 PHYSICS
34.	A bob is whirled in a	a horizontal plane by m	eans of a string with a	an initial speed of	$\boldsymbol{\omega}$ rpm. The tension in
	the string is T. If spe	ed becomes 2ω while	keeping the same rad	lius <mark>, the</mark> tension ir	the string becomes :
	(1) T Resonant	(2) <mark>√2</mark> T	ance (3) T	onanc(4) 4T	
Ans.					
35.	A wire of length 'l' a	nd resistance 100 Ω is o	divided into 10 equal	parts. The first 5	parts are connected in
	series while the nex	xt 5 parts are connecte	ed in parallel. The two	o c <mark>omb</mark> inations a	re again connected in
	se <mark>ries.</mark> The resistan	ce of this final combina	tion is :		
	(1 <mark>) 55</mark> Ω	(2) 60 Ω	(3) 26 Ω	(4) 52 Ω	
Ans.	(4)				
36.	The following graph	represents the T-V cu	Irves of an ideal gas	(where T is the t	emperature and V the
		essures P ₁ , P ₂ and P ₃			
	line				
			P ₄		
			$//P_2$		
		Ţ.	P3		
			Contraction of the second s		
		0	$V \rightarrow$		
	Then the correct rela	ation is :			
	(1) $P_2 > P_1 > P_3$	(2) P ₁ > P ₂ > P ₃	(3) P ₃ > P ₂ > P ₁	(4) P ₁ >	$P_3 > P_2$
Ans.	(2)		. ,		
	atura, ter better to				
37.	A parallel plate capa	acitor is charged by cor	nnecting it to a battery	y through a resist	or. If I is the current in
	the circuit then in the	e gap between the plate	es :		
	(1) displacement cu	rrent of magnitude equa	al to I flows in a direct	ion opposite to th	at of I.
	(2 <mark>) dis</mark> placement cu	rrent of magnitude grea	ater than I flows but ca	an be in any direc	tion.
	(3) there is no curre	nt.			
	(4) displacement cu	rrent of magnitude equa	al to I flows in the sam	ne direction as I.	
Ans.	(4) Resonan				
38.	The property which	is not of an electromag	netic wave travelling i	n free space is th	at :
	(1) they travel with a	anad agual to			
	(1) they travel with a	a speed equal to $\frac{1}{\sqrt{\mu_0}}$	e Resonance'		
	(2) they originate fro	om charges moving with			
	(3) they are transver		ance' Res		
		ity in electric field is equ	ial to energy density i	n magnetic field	
	() and only dono	., 0.00010 1000 10 090	and a chorgy denoity i		
Ans.	(2)				

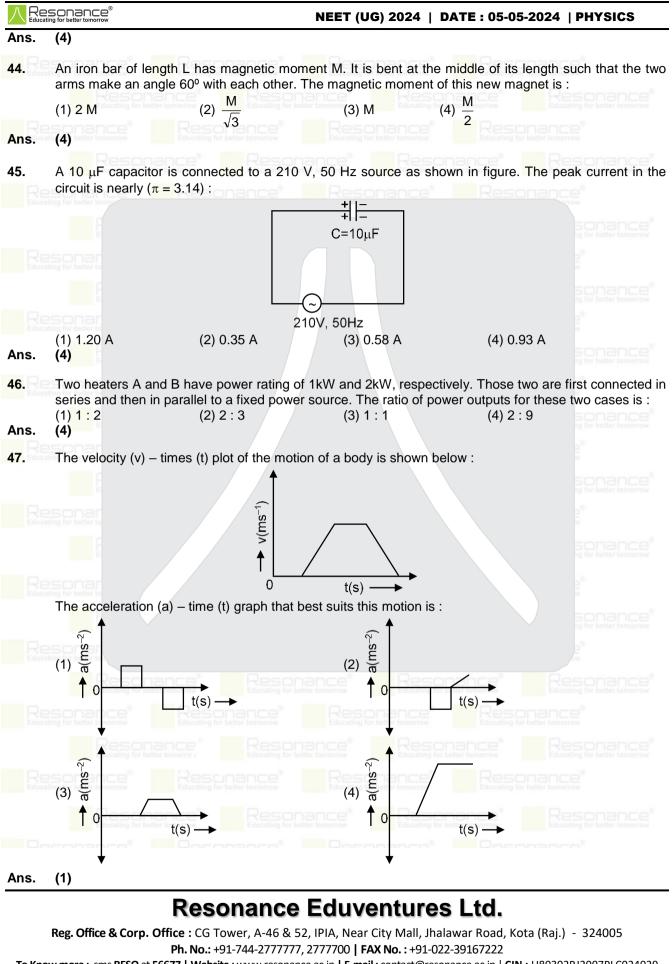
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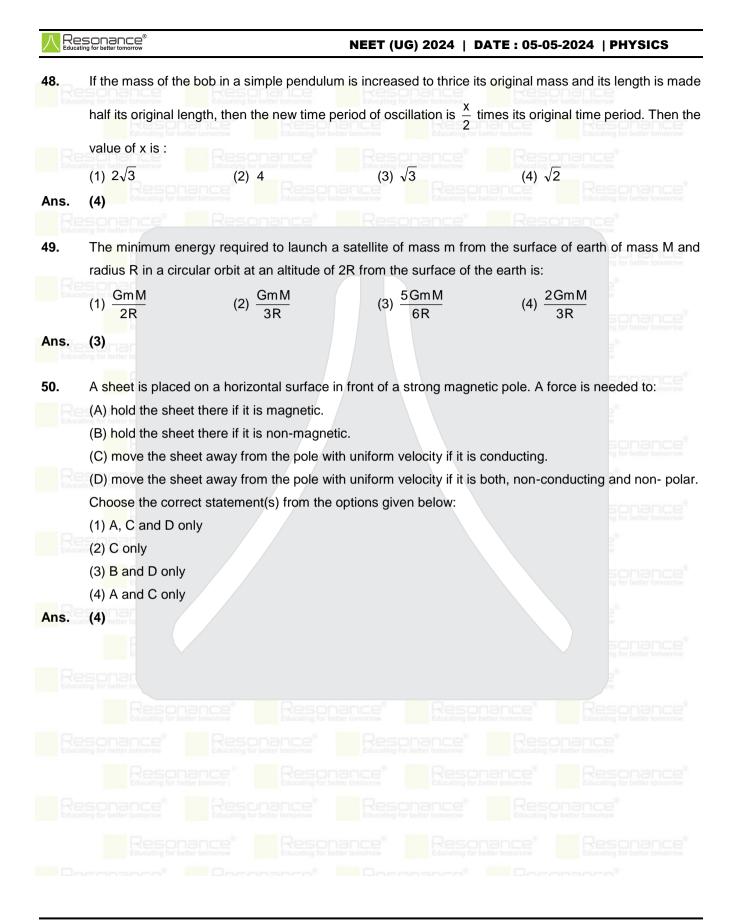
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Name of the Candidate (in Capital letters):

Roll Number: in figures:

Name of Examination Centre (in Capital letters) :

Candidate's Signature:

Invigilator's Signature:

in words:

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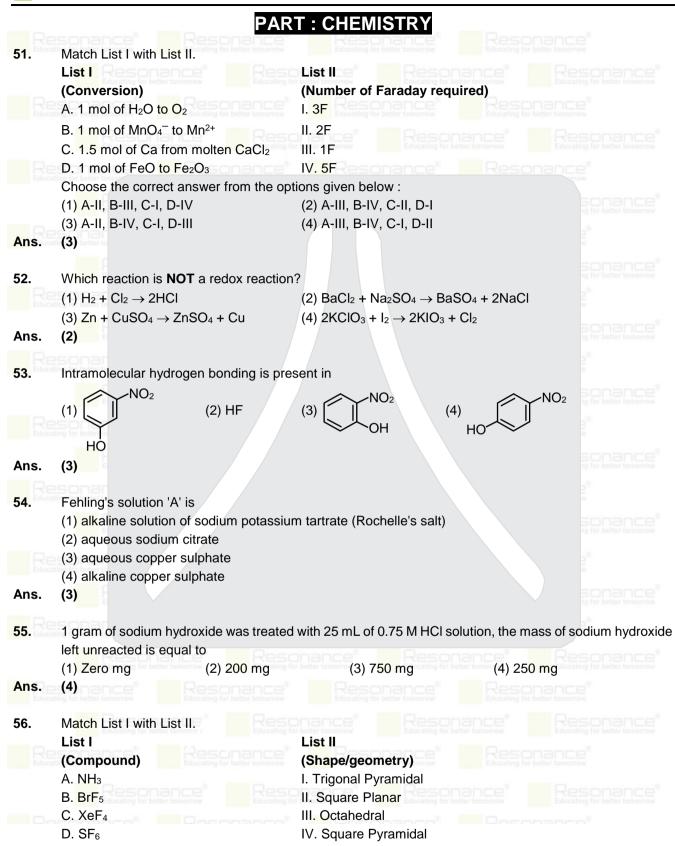
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NEET (UG) 2024 | DATE : 05-05-2024 | CHEMISTRY



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			NEET	(UG) 2024	DATE	: 05-05-2024	CHEMISTRY
	Choose the correc	t answer from the o	ptions given	below :			
	(1) A-III, B-IV, C <mark>-I,</mark>	D-Ilesonance	(<mark>2) A</mark> -II, B	-III, C-IV, D-I			
	(3) A-I, B-IV, C-II, I		Educat	-IV, C-III, D-I			
Ans.	(3) Resona						
57.	The E ^o value for th	e Mn ³⁺ /Mn ²⁺ couple	is more pos	itive than tha	at of Cr ³⁺	/Cr ²⁺ or Fe ³⁺ /Fe ²	²⁺ due to change
	of						
	(1) d⁴ to d⁵ configu	ration	(2) d ³ to d	⁵ configuratio	on		
	(3) d ⁵ to d ⁴ configu	ration some need	(4) d ⁵ to d	² configuratio	on		
Ans.	(3)			Ū			
58.	Match List I with Li	st II.					
Re	List I		List II				
	(Process)		(Conditio	ns)			
	A. Isothermal proc	ess	-	exchange			
	B. Isochoric proces			out at const	ant temr	perature	
	C. Isobaric proces			d out at cons			
	D. Adiabatic proce			ant pressure			
		t answer from the o		· ·			
	(1) A-I, B-II, C-III, [-III, C-IV, D-I			
	(3) A-IV, B-III, C-II,			B-II, C-III, D-I			
Ans.	(c) / (1), b iii, c ii, (c), (c), (c), (c), (c), (c), (c), (c)	D1	(4) / (10, 1	5 II, O III, D I			
R	-50nar						
59.	Activation energy (of any chemical read	ction can be	calculated if	one kno	ws the value of	
00.		eactant molecules d					
		t two different tempe	-				
	-901.01	t standard temperat					
	(4) probability of co		ure.				
Ans.	(4) probability of et	JIII 31011.					
Alls.	(2)						
60.	A compound with a	a molecular formula	of Collection	two tortion	carbons	Ite II IPAC nom	o is :
00.	(1) 2,3-dimethylbut			-		S. Its IOF AC Ham	6 15 .
		ane		nethylbutane	:		
4.00	(3) n-hexane		(4) 2-metr	nylpentane			
Ans.							
61.	'S <mark>pin o</mark> nly' magnet	ic momen <mark>t is </mark> same t	for which of t	he following	ions?		
	A. Ti ³⁺	B. Cr ²⁺					
	C. Mn ²⁺	D. Fe ²⁺					
	E. Sc ³⁺						
		appropriat <mark>e an</mark> swer f	from the opti	ons given be	low :		
	(1) B and C only	(2) A and D o		B) B and D or		(4) A and E or	nly
Ans.	(3)	concervier or petter compliant	Educt	B for perior tomoritor		conciding for better tomoli	U.*
	Resona						

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62.	Arran	ge the following elem N, O, F, <mark>C, S</mark> i	nents ir	increasing order of electronegativity :	
	Choo		r from	the options given below :	
				0 < N < C < Si (3) $Si < C < N < O < F$	(4) Si < C < O < N < F
Ans.	(3)	Educating for better tonofrow (-		dud hig id State State State of State o	Circle and Charactering for bolide tomorrow
Re					
63.	Whic	h one of the following	alcoho	bls reacts instantaneously with Lucas rea CH ₃	agent ? Resonance
	(1) C	H ₃ —CH—CH ₂ OH		(2) _{CH3} —C—OH	
		I CH₃		I CH₃	
			<u></u>		
	(3) C	H3—CH2—CH3—CH2	OH	(4) CH ₃ —CH ₂ —CH ₂ OH	
				ĊH ₃	
Ans.	(2)				
<mark>64</mark> .	Giver	n below are two state	ments:		
	State	ment I: Both [Co(N	$ H_3 _6^3$	$^{\scriptscriptstyle +}$ and $[{\sf CoF}_6]^{3-}$ complexes are octahed	Iral but differ in their magneti
	beha	viour.			
	State	ment II · [Co(NHa)a	l ³⁺ is d	iamagnetic whereas $[CoF_6]^{3-}$ is parama	anetic
				its, choose the correct answer from the c	
				ent II is false. (2) Statement I is false b	ing for better tomorrow.
		oth statement I and S			
Ans.	(3)		latome		
	(-)				
65. 🗨 🛛	Giver	n below are two state	ments:		
	State	ment I : The boiling	point o	f hydrides of Group 16 elements follow th	ne order
	H₂ <mark>O</mark> :	<mark>> H</mark> 2Te > H2Se > H2S			
	State	ment II: On the basis	s of mo	lecular mass, H_2O is expected to have lo	wer boiling point than the othe
				the presence of extensive H-bonding in	
				nts, choose the correct answer from the c	
				ent II is false. (2) Statement I is false b	
Re		oth statement I and S	tateme	ent II are true. (4) Both statement I and	Statement II are false.
Ans.	(3)				
66.	Mate	List I with List II			
	Mato	List		List II	
	ating for bett	Quantum Number	or better t	Information provided	
	(A)	miesonance	(I)	shape of orbital	
	(B)	ms	(II)	size of orbital	
	(C)	ance Res	(III)	orientation of orbital	
	()	n	(IV)	orientation of spin of electron	
	(D)		、 /		
	(D) Choo	se the correct answe	I IIOIII		
	Choo	se the correct answe - III, B - IV, C - II, D		(2) A – II, B – I, C – IV, E	Educating for better tomorrow
	Choo (1) A		-L-		
Ans.	Choo (1) A	– III, B – IV <mark>, C</mark> – II, D	-L-	(2) A – II, B – I, C – IV, E	

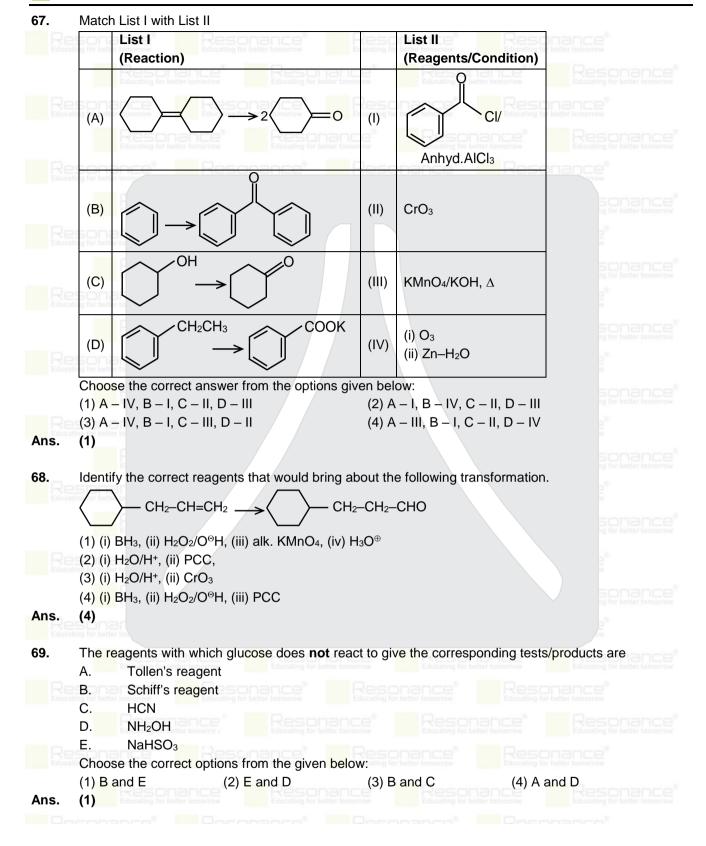
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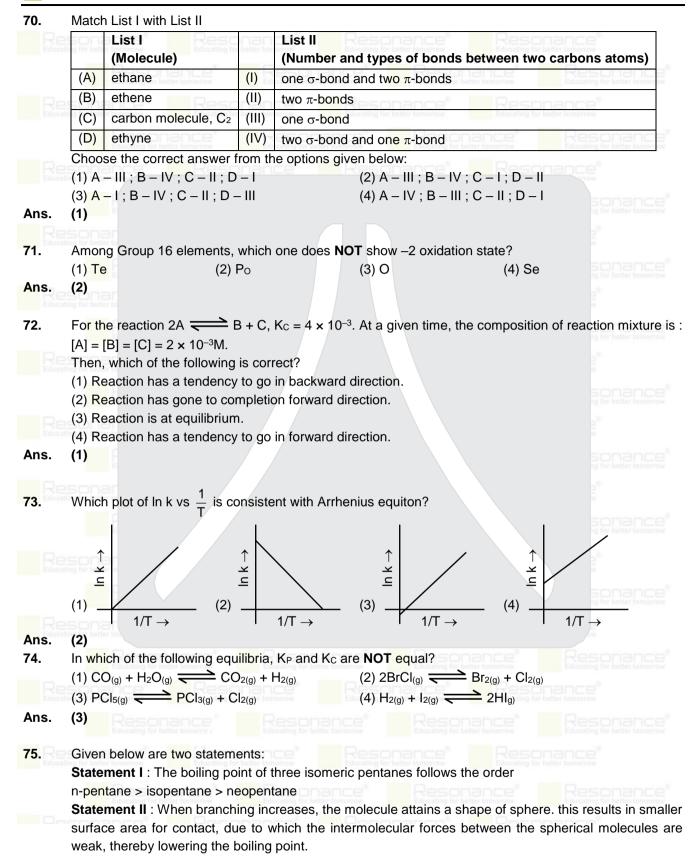
NEET (UG) 2024 | DATE : 05-05-2024 | CHEMISTRY



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			NE	EET (UG	6) 2024 DAT	E : 05-05-2	024 CHEMISTRY
Ans.	 (1) Statemer (2) Statemer (3) Both state 	f the above statement I is correct but St at I is incorrect but St ement I and Statement ement I and Statem	atement II <mark>is inc</mark> Statement II is c nent II are corre	correct. correct. ect.		wer from the	options given below ance Resonance ance
All5.	(3) Pos						
76.	Th <mark>e co</mark> mpou	nd that will undergo		vith the f	astest rate is		
	\sim	-Br	CH₃ → Br	Reso	nance:		
	(1)	(2)		(3)	Br	(4)	
Ans.	(2)						
77. Re	Th <mark>e en</mark> ergy o state for Be ³⁻		e ground state (n = 1) fc	or He⁺ ion is –x	J, then that f	or an electron in n =
	(1) – 4x	$(2) - \frac{4}{9}$	x	(3) – 2	x	$(4) - \frac{x}{9}$	
Ans.	(3)	Û				Ū	
78. R R R R R	A. <mark>A liquid ev</mark> B. Temperat C. 2 NaHCO D. <mark>Cl₂</mark> (g) → 2	correct answer fron	r. solid lowered fr $CO_{2 (g)} + H_2O (g)$ n the options giv	om 130 ven belc	K to 0 K.	(4) A, B	and D
79.		ue used for the puri n	•	i solid si (2) Cł			ng through liquid state ove principle is know
Ans.	(4)						
80.	Match List I	with List II					
Educ		I (Complex)		List I	l (Type of ison	nerism)	
	Educating	$NH_3)_5(NO_2)CI_2$			Solvate isom	nerism	
		$NH_3)_5(SO_4)Br$		Reso	Linkage ison	nerism	
		$[NH_3)_6][Cr(CN)_6]$		Educiting for	Ionization iso	omerism	
	Educating	H ₂ O) ₆]Cl ₃		IV.	Coordination	i isomeris <mark>m</mark>	
		corr <mark>ect</mark> answer fron C-III, D-II	n the options given in the options of the option of the op		ow: II, B-IV, C-III, D	Oscon	

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NEET (UG) 2024 | DATE : 05-05-2024 | CHEMISTRY

Ans.	(3)		
Re	2SONANCE [®] Reson		
81.	Given below are two statemen		
		undergo Friedel-Crafts alkylation rea	
	Statement II : Aniline cannot b	e prepared through Gabriel synthesi	is. Decembro
	In the light of the above statem	ents, choos <mark>e th</mark> e correct answer fror	<mark>m the</mark> options given below:
	(1) Statement I is correct but S	tatement li is false.	
	(2) Statement I is incorrect but	Statement li is true.	
	(3) Both Statement I and State	ment II are true.	
	(4) Both Statement I and State		
Ans.	(3)		
82.	Arrange the following elements	s in increasing order of first ionization	enthalov:
02.	Li, Be, B, C, N		rentiapy.
		m the entione given helow:	
	Choose the correct answer fro		
	(1) Li < Be < C < B < N	(2) Li < Be < N < B < C	
	(3) Li < Be < B < C < N	(4) Li < B < Be < C < N	
Ans.	(4)		
83.	The highest number of helium		
	(1 <mark>) 4 g</mark> of helium	(2) 2.271098 L of helium a	at STP sonance'
	(3) 4 mol of helium	(4) 4 u of helium	
Ans.	(3)		
84.	The most stable carbocation a	mong the following is	
		CH₃	
	ating for better to	Ī	
	(1) $\xrightarrow{\oplus}$ CH ₂		
		(2)	
	4	~	
	CH₃	ÇH:	3
		⊕ I C: CH	
		(4) $H_3C H CH_2$	
		ĊH	3
Edud	ating for better to		
Ans.	(2) Resonance		
Ans.	Educating for better tomorrow	Resonance" Resonance durating for Between of three seases (A. D. O)	
Ans. 85.	The Henry's law constant (Кн)	values of three gases (A, B, C) in	
	The Henry's law constant (K _H) respectively. The solubility of t	hese gases in water follow the order:	Educating for better tomorrow
85. _R	The Henry's law constant (K _H) respectively. The solubility of t (1) A > C > B (2) A :		
85. _{Re}	The Henry's law constant (K _H) respectively. The solubility of t	hese gases in water follow the order:	Educating for better tomorrow
85. _{Re}	The Henry's law constant (K _H) respectively. The solubility of t (1) A > C > B (2) A :	hese gases in water follow the order:	Educating for better tomorrow
85. Ans.	The Henry's law constant (K_H) respectively. The solubility of	hese gases in water follow the order:	(4) B > C > A sonance
85. Ans.	The Henry's law constant (K_H) respectively. The solubility of	hese gases in water follow the order: > B > C (3) B > A > C	(4) B > C > A sonance
	The Henry's law constant (K _H) respectively. The solubility of th (1) $A > C > B$ (2) $A =$ (4) A compound X contains 32% of	hese gases in water follow the order: B > C (3) $B > A > Cof A, 20% of B and remaining percentof A = 64; B = 40; C = 32 u)$	(4) B > C > A sonance

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		NEET (UG) 2024 DATE : 05-05-2024 CHEMISTRY
87. R	The products A and B obtained in the followi $3ROH + PCI_3 \rightarrow 3RCI + A$	ng reactions, respectively, are
	$ROH + PCI_5 \rightarrow RCI + HCI + B$	
	 (1) H₃PO₄ and POCl₃ (3) POCl₃ and H₃PO₃ 	(2) H₃PO₃ and POCl₃ (4) POCl₃ and H₃PO₄
Ans.	(3) (3)	
88. R		ration (mol L ⁻¹) for a solution gives a straight line with slope the osmotic pressure measurement is done is:
Ans.	(1) 25.73°C (2) 12.05°C (3)	(3) 37°C (4) 310°C
89.	Fo <mark>r the</mark> given reaction:	
	$C = CH \xrightarrow{KMnO_4/H^+} 'P' (major)$	
	H product)	
	он он	он он
	(3) СНО	(4) СООН
Ans.	4) nar	
90.	Given below are two statements: Statement I: $[Co(NH_3)_6]^{3+}$ is a homoleptic co	Somplex whereas $[Co(NH_3)_4Cl_2]^+$ is a heteroleptic complex.
		y one kind of ligands but $[Co(NH_3)_4Cl_2]^+$ has more than one
	ki <mark>nd o</mark> f ligands.	
	In the light of the above statements, choose	the correct answer from the options given below:
	(1) Statement I is true but Statement I is fals	e. (2) Statement I is false but Statement II is true.
Ans.	(3)Both Statement I and Statement II are true (3)	e. (4) Both Statement I and Statement II are false.
of R	esonance' Resonance'	Resonance" Resonance"
91.		n (Ferrous ammonium sulphate), which of the following acid
	is added to prevent hydrolysis of Fe ²⁺ ion?	(2) dilute sulphuric acid
	(3) dilute hydrochloric acid	(4) concentrated sulphuric acid
Ans.	(2)	(+) concentrated submane acid
A113.	Resonance* Resona	

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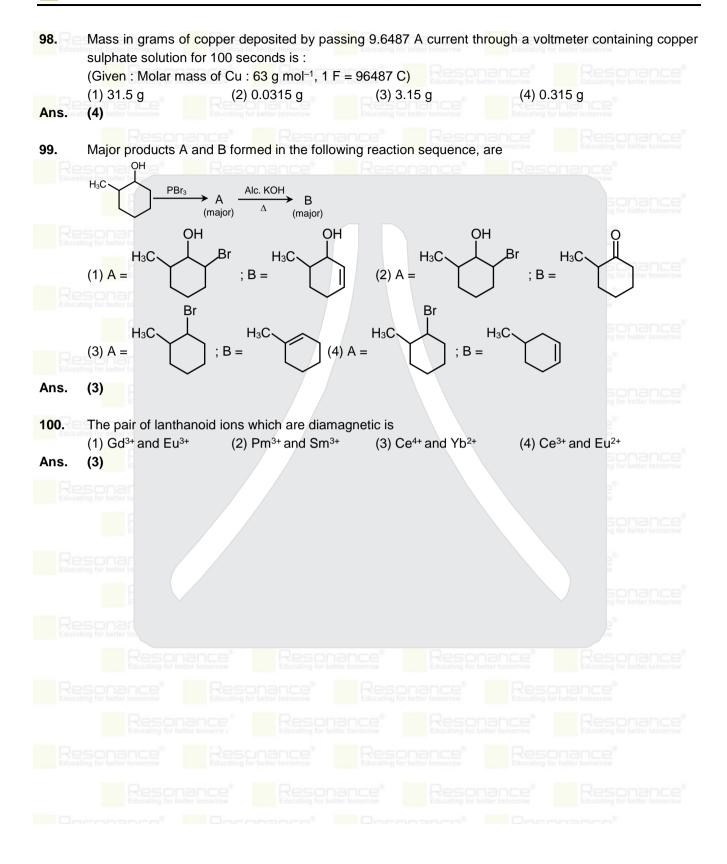
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			NEET (UG) 2024	DATE:05-05-2024 CHEMISTRY
92.	Identify the correct a	nswer.		
	(1) Dipole moment o	f NF ₃ is greater than th	nat of NH₃.	
	(2) Three canocical f	orms can be drawn fo	$r CO_3^{2-}$ ion.	
	(3 <mark>) Thr</mark> ee resonance	structures can be drav	wn for ozon <mark>e.</mark>	
	(4) BF ₃ has non-zero	o dipole moment.		
Ans.	(2)			
<u>93.</u>	Given below are cer	tain cations. Using inc	rganic qualitative analy	vsis, arrange them in increasing grou
	number from 0 to VI.			
	A. Al ³⁺	B. Cu ²⁺		
	C. Ba ²⁺	D. Co ²⁺		
	E. Mg ²⁺			
		answer from the option	-	
Ans.	(1) <mark>E,</mark> C, D, B, A (3)	(2) E, A, B, C, D	(3) B, A, D, C, E	(4) B, C, A, D, E
94.	Identify the major pro	oduct C formed in the f	following reaction seque	ence:
	$CH_3 - CH_2 - CH_2 - I$, ,	
	OH⁻	→ в — NaOH	C C	
	Partial hydrolys	is Br ₂	(major)	
	(1) butanamide		(2) α–bromobuta	anoic acid
	(3) propylamine		(4) butylamine	
Ans.	(3 <mark>)</mark>			
<mark>95</mark> .		• • •	nperature changes from	n 27°C to 57°C.
	Calculate the energy		4	
	(1) 3.80 kJ/mol	⁻¹ mol ⁻¹ , log 4 = 0.602 (2) 3804 kJ/mol	(3) 38.04 kJ/mol	(4) 380.4 kJ/mol
Ans.	(1) 5.60 ko/mor	(2) 3004 k3/1101	(3) 30.04 KJ/IIIO	(4) 300.4 K3/1101
96.		-	vessel at equilibrium w	ith concentrations of
	$N_2 = 3.0 \times 10^{-3} M$, O NO = 2.8 × 10 ⁻³ M.	$_2 = 4.2 \times 10^{-3}$ M and		
		0		
	$2NO_{(g)} \rightleftharpoons N_{2(g)} +$		ance" Kesc	nance Resonance
		(g) is taken in a close	d vessel, what will be	degree of dissociation (α) of NO _(g) a
	equilibrium? (1) 0.8889	(2) 0.717	(3) 0.00889	(4) 0.0889
Ans.	(1) 0.8889		(3) 0.00889	
AII3.	(2)			
<mark>97</mark> .				mole of hydrogen gas at 25°C from
			ere to 10 atmosphere is	
	(Given R = 2.0 cal K	⁻¹ mol ⁻¹)	er tomorrow	
	(1) 413.14 calories		(2) 100 calories	Osconsore*
	(3) 0 calories (4)		(4) –413.14 caloi	nes
Ans.	(4)			

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NEET (UG) 2024

Questions, Answer Key & Solutions

Date: 05 May, 2024 | TIME: (02:00 PM to 05:20 PM)

Duration: 200 minutes (03 Hrs. 20 Min.) | Max. Marks: 720

Important Instructions:

- 1. The Answer Sheet is inside this Test Booklet. When you are directed to open the Test Booklet, take out the Answer Sheet and fill in the particulars on ORIGINAL Copy carefully with **blue/black** ball point pen only.
- 2. The test is of 3 hours 20 minutes duration and Test Booklet contains 200 multiple-choice questions (four options with a single correct answer) from Physics, Chemistry and Biology (Botany and Zoology). 50 questions in each subject are divided into two Sections (A and B) as per details given below :
 - (a) Section A shall consist of 35 (Thirty-five) Questions in each subject (Questions Nos 1 to 35, 51 to 85, 101 to 135 and 151 to 185). All questions are compulsory.
 - (b) Section B shall consist of 15 (Fifteen) questions in each subject (Question Nos 36 to 50, 86 to 100, 136 to 150 and 186 to 200). In Section B, a candidate needs to attempt any 10 (Ten) questions out of 15 (Fifteen) in each subject.
 - Candidates are advised to read all 15 questions in each subject of Section B before they start attempting the question paper. In the event of a candidate attempting more than ten questions, the first ten questions answered by the candidate shall be evaluated.
- 3. Each question carries **4 marks**. For each correct response, the candidate will get 4 marks. For each incorrect response, **one mark** will be deducted from the total scores. **The maximum marks are 720.**
- 4. Use Blue/Black Ball Point Pen only for writing particulars on this page/marking responses on Answer Sheet.
- 5. Rough work is to be done on the space provided for this purpose in the Test Booklet only.
- 6. On completion of the test, the candidate **must hand over the Answer Sheet (ORIGINAL and OFFICE Copy) to the Invigilator** before leaving the Room/Hall. The candidates are allowed to take away this Test Booklet with them.
- 7. The CODE for this Booklet is T3. Make sure that the CODE printed on the Original Copy of the Answer Sheet is the same as that on this Test Booklet. In case of discrepancy, the candidate should immediately report the matter to the Invigilator for replacement of both the Test Booklet and the Answer Sheet.
- 8. The candidates should ensure that the Answer Sheet is not folded. Do not make any stray marks on the Answer Sheet. Do not write your Roll No. anywhere else except in the specified space in the Test Booklet/Answer Sheet.
- Use of white fluid for correction is NOT permissible on the Answer Sheet.
- 10. Each candidate must show on-demand his/her Admit Card to the Invigilator.
- 11. No candidate, without special permission of the centre Superintendent or Invigilator, would leave his/her seat.
- The candidates should not leave the Examination Hall without handing over their Answer Sheet to the Invigilator on duty and sign (with time) the Attendance Sheet twice. Cases, where a candidate has not signed the Attendance Sheet second time, will be deemed not to have handed over the Answer Sheet and dealt with as an Unfair Means case.
- 13. Use of Electronic/ Manual Calculator is prohibited.
- 14. The candidates are governed by all Rules and Regulations of the examination with regard to their conduct in the Examination Room/Hall. All cases of unfair means will be dealt with as per the Rules and Regulations of this examination.
- 15. No part of the Test Booklet and Answer Sheet shall be detached under any circumstances.
- 16. The candidates will write the Correct Test Booklet Code as given in the Test Booklet/Answer Sheet in the Attendance Sheet.
- 17. Compensatory time of one hour five minutes will be provided for the examination of three hours and 20 minutes duration, whether such candidate (having a physical limitation to write) uses the facility of scribe or not.

In case of any ambiguity in translation of any question, English version shall be treated as final. प्रश्नों के अनुवाद में किसी अस्पष्टता की स्थिति में, अंग्रेजी संस्करण को ही अन्तिम माना जायेगा।

Name of the Candidate (in Capital letters):

Roll Number: in figures:

Name of Examination Centre (in Capital letters) :

Candidate's Signature:

Invigilator's Signature:

in words:

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Resonance NEET (UG) 2024 | DATE : 05-05-2024 | BIOLOGY PART : BIOLOGY Botany : Section -A (Q. No. 101 to 135) Identify the set of correct statements: 101. XII B SRFP-D A. The flowers of Vallisneria are colourful and produce nectar. B. The flowers of waterlily are not pollinated by water. C. In most of water-pollinated species, the pollen grains are protected from wetting. D. Pollen grains of some hydrophytes are long and ribbon like. E. In some hydrophytes, the pollen grains are carried passively inside water. Choose the correct answer from the options given below: (1) A, C, D and E only (2) B, C, D and E only (3) C, D and E only (4) A, B, C and D only Answer (2) The type of conservation in which the threatened species are taken out from their natural habitat and 102. placed in special setting where they can be protected and given special care is called; XII B E-BandC-B (1) Semi-conservative method (2) Sustainable development (3) In-situ conservation (4) Biodiversity conservation Answer (4) 103. Inhibition of Succinic dehydrogenase enzyme by malonate is a classical example of: XI Z BIO-II-B (1) Competitive inhibition (2) Enzyme activation (3) Cofactor inhibition (4) Feedback inhibition Answer (1) 104. Identify the part of the seed from the given figure which is destined to form root when the seed germinates. XII B SRFP-E (1) C (2) D (3) A (4) B Answer (1) 105. Bulliform cells are responsible for XI B AFP-A (1) Increased photosynthesis in monocots. (2) Providing large spaces for storage of sugars. (3) Inward curling of leaves in monocots. (4) Protecting the plant from salt stress. Answer (3) 106. Which of the following are required for the dark reaction of photosynthesis? XI B PPII-PHP-C A. Light B. Chlorophyll Resonance Eduventures Ltd. Reg. Office & Corp. Office : CG Tower, A-46 & 52, IPIA, Near City Mall, Jhalawar Road, Kota (Raj.) - 324005 Ph. No.: +91-744-2777777, 2777700 | FAX No.: +91-022-39167222 To Know more : sms RESO at 56677 | Website : www.resonance.ac.in | E-mail : contact@resonance.ac.in | CIN : U80302RJ2007PLC024029

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C. CO ₂			
D. ATP			
E. NADPH			
Choose the correct answer from the option	ns given below:		
(1) C, D and E only	iance" Reso		
(2) D and E only			
(3) A, B and C only			
(4) B, C and D only			
Answer (1) Resonance Reson			
07. Formation of interfascicular cambium from	fully developed parend	hy <mark>ma colle is an ovamn</mark>	le for
			I-PGandGH-A
		XI D I I I	
(1) Dedifferentiation	(2) Maturation		
R = (3) Differentiation	(4) Redifferentiat	ion	
Answer (1)			
08. Hind II always cuts DNA molecules at a pa	articular point called reco	ognition sequence and i	t consists of:
Resonar	·	XII Z AB	
(1) 4 bp (2) 10 bp	(3) 8 bp	(4) 6 bp	
Answer (4)			
E			
109. Tropical regions show greatest level of spo	ecies richness because	XII B E-I	BandC-A
A. Tropical latitudes have remained relativ	elv undisturbed for millio	ons of vears, hence mo	re time was
available for species diversification.		, ,	
B. Tropical environments are more seasor	nal.		
C. More solar energy is available in tropics			
D. Constant environments promote niche			
E. Tropical environments are constant and			
Choose the correct answer from the option			
(1) A, B and E only	(2) A, B and D or	nly	
(3) A, C, D and E only	(4) A and B only		
Answer (3)			
10. Which one of the following is not a criterio	n for classification of fun	igi? XI B BC	-C
(1) Mode of spore formation	(2) Fruiting body		
(3) Morphology of mycelium	(4) Mode of nutrit	tion	
Answer (4)			
11. How many molecules of ATP and NADPH	l are required for every n		the Calvin
cycle?		XI B PPII-PHP-C	
(1) 3 molecules of ATP and 3 molecules o			
(2) 3 molecules of ATP and 2 molecules o			
(3) 2 molecules of ATP and 3 molecules of ATP			
(4) 2 molecules of ATP and 2 molecules o	f NADPH		
Answer (2) Resonance Reson			
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12. These are regarded as major causes of bi	odiversity loss:	Reson XII B E-I	BandC-A
A. Over exploitation			
B. Co-extinction			
C. Mutation			
D. Habitat loss and fragmentation Migratic	n Doctopport		
Choose the correct option:			. .
(1) A, B and E only (2) A, B and D on	ly B (3) A, C and D or	nly (4) A, B, C and	D only
Answer (2)			
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Nesonance			
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	, 2777700 FAX No. : +91-02		

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113.	(1) Differentiation	te a whole plant from any	y cell of the plant is called (2) Somatic hybridizatic	
Answer	(3) Totipotency (3)		(4) Micropropagation	
<mark>11</mark> 4.	The equation of Verhul $\frac{dN}{dt} = rN \left[\frac{K - N}{K} \right]$	st-Pearl logistic growth is	Cesonance [®]	XII B E-OandP-B
Answer	From this equation, K i (1) Carrying capacity (3) Intrinsic rate of natu (1)		(2) Population density (4) Biotic potential	
115. Answer	(1) Anaphase	kinetochores of chromos (2) Telophase	somes during (3) Prophase	XI B CB-M (4) Metaphase
	(1) (a) Perigynous; (b) (2) (a) Perigynous; (b) (3) (a) Epigynous; (b) H (4) (a) Hypogynous; (b)	gures (a) and (b)	n of calyx, corolla and an	droecium with respect to the XI B MFP-E
Answer	Match List I with List I		XI B BC	C-C
	List I A. Rhizopus B. Ustilago C. Puccinia D. Agaricus	List II I. Mush Mushroom II. Smut fungus III. Bread mould IV. Rust fungus	Resonance [®]	
Re	(1) A-III, B-II, C-I, D-IV (2) A-IV, B-III, C-II, D-I (3) A-III, B-II, C-IV, D-I (4) A-I, B-III, C-II, D-IV	swer from the options giv	en below:	
Answer	(3)			

118. In a plant, black seed colour (BB/Bb) is dominant over white seed colour (bb). In order to find out the genotype of the black seed plant, with which of the following genotype will you cross it? XII B GEN-I-A

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	ating for better tomorrow		N	EET (UC	G) 2024	DATE : 05-05	-2024	BIOLOG
<mark>An</mark> swe	(1) Bb er (4)	(2) BB/B	b nce	(3) BB		(4) bb		
19. Re	A <mark>pink</mark> flowered phenotype/s is/a			l with a <mark>re</mark>	<mark>ed</mark> flowere	ed Snapdragon <mark>r</mark>	olant. Wh XII B GE	
nswe	(1) Only pink flov (3) <mark>On</mark> ly red flow er (4)			(4) Re		w <mark>ell a</mark> s white flo I as well as pin <mark>k</mark>	flowered	
20.	Match List I with					XII B GEN-I-A		
	List I			List	11			
		ore alternative for	ms of a gene	.	Back cro	DSS		
		1 progeny with ho	-	11.	Ploidy			
		1 progeny with ar	ny of the parer	nts III.	Allele			
	D. Number of Choose the corre	chromosome se		IV.	Test cro	SS		
21.	Lecithin, a small	molecular weigh	t organic com	pound fo	und in livi	ng tissues, is an		
nswe	(1) Glycerides	(2) Carbo	t organic com ohydrates		und in livi	-	XI Z BIO spholipid	-I-C
nswe	(1) Glycerides er (4) Match List I with	(2) Carbo	ohydrates			- (4) Pho	XI Z BIO spholipid	-I-C
nswe	(1) Glycerides er (4) Match List I with	(2) Carbo	ohydrates	(3) Am		- (4) Pho	XI Z BIO spholipid	-I-C
nswe	(1) Glycerides er (4) Match List I with List I A. Clostridiur	(2) Carbo List II n butylicum	bhydrates	(3) Am		- (4) Pho	XI Z BIO spholipid	-I-C
nswe	(1) Glycerides er (4) Match List I with List I A. Clostridiun B. Saccharon	(2) Carbo	List II I. Ethand II. Strepto III. Butyrio	(3) Am (3) Am ol okinase c acid		- (4) Pho	XI Z BIO spholipid	-I-C
nswe	(1) Glycerides er (4) Match List I with List I A. Clostridiur B. Saccharor C. Trichoderr D. Streptocod	(2) Carbo List II <u>n butylicum</u> nyces cerevisiae na polysporum ccus sp.	List II I. Ethand II. Strepto III. Butyrio IV. Cyclos	(3) Am ol okinase c acid sporin-A	ino acids	- (4) Pho	XI Z BIO spholipid	-I-C
nswe	(1) Glycerides er (4) Match List I with List I A. Clostridium B. Saccharon C. Trichoderr D. Streptocoo Choose the corre	(2) Carbo List II <u>n butylicum</u> nyces cerevisiae na polysporum ccus sp. ect answer from t	List II I. Ethand II. Strepto III. Butyrio IV. Cyclos	(3) Am ol okinase c acid sporin-A ven belov	nino acids	(4) Pho XII Z MI	XI Z BIO spholipid	-I-C
nswe	(1) Glycerides er (4) Match List I with List I A. Clostridium B. Saccharon C. Trichoderr D. Streptococ Choose the corre (1) A-III, B-I, C-I	(2) Carbo List II <u>n butylicum</u> nyces cerevisiae na polysporum ccus sp. ect answer from t	List II I. Ethand II. Strepto III. Butyrio IV. Cyclos	(3) Am okinase c acid sporin-A /en belov (2) A-I	nino acids	(4) Pho XII Z MI	XI Z BIO spholipid	-I-C
nswe 22.	(1) Glycerides er (4) Match List I with List I A. Clostridiun B. Saccharor C. Trichoderr D. Streptococ Choose the corrr (1) A-III, B-I, C-I' (3) A-III, B-I, C-I	(2) Carbo List II <u>n butylicum</u> nyces cerevisiae na polysporum ccus sp. ect answer from t	List II I. Ethand II. Strepto III. Butyrio IV. Cyclos	(3) Am okinase c acid sporin-A /en belov (2) A-I	nino acids	(4) Pho XII Z MI	XI Z BIO spholipid	-I-C
nswe 22.	(1) Glycerides er (4) Match List I with List I A. Clostridium B. Saccharor C. Trichoderr D. Streptocod Choose the corro (1) A-III, B-I, C-II (3) A-III, B-I, C-II er (1)	(2) Carbo List II <u>n butylicum</u> nyces cerevisiae <u>na polysporum</u> ccus sp. ect answer from t V, D-II , D-IV	bhydrates	(3) Am (3) Am okinase c acid sporin-A ven belov (2) A-I (4) A-I	ino acids	(4) Pho XII Z MI II, D-II III, D-I	XI Z BIO spholipid HW	
nswe 22.	(1) Glycerides er (4) Match List I with List I A. Clostridiun B. Saccharor C. Trichoderr D. Streptococ Choose the corrr (1) A-III, B-I, C-I' (3) A-III, B-I, C-I	(2) Carbo List II <u>n butylicum</u> nyces cerevisiae <u>na polysporum</u> ccus sp. ect answer from t V, D-II , D-IV	bhydrates	(3) Am (3) Am okinase c acid sporin-A ven belov (2) A-I (4) A-I	ino acids	(4) Pho XII Z MI II, D-II III, D-I	XI Z BIO spholipid HW	
21. 1. 22. 22. 23.	(1) Glycerides er (4) Match List I with List I A. Clostridium B. Saccharor C. Trichoderr D. Streptocod Choose the corro (1) A-III, B-I, C-II (3) A-III, B-I, C-II er (1)	(2) Carbo List II <u>n butylicum</u> nyces cerevisiae <u>na polysporum</u> ccus sp. ect answer from t V, D-II , D-IV	bhydrates	(3) Am (3) Am okinase c acid sporin-A ven belov (2) A-I (4) A-I	ino acids	(4) Pho XII Z MI II, D-II III, D-I	XI Z BIO spholipid HW	
nswe	(1) Glycerides er (4) Match List I with List I A. Clostridium B. Saccharor C. Trichoderr D. Streptocod Choose the corro (1) A-III, B-I, C-II (3) A-III, B-I, C-II er (1)	(2) Carbo List II <u>n butylicum</u> nyces cerevisiae <u>na polysporum</u> ccus sp. ect answer from t V, D-II , D-IV	bhydrates	(3) Am (3) Am okinase c acid sporin-A ven belov (2) A-I (4) A-I	ino acids	(4) Pho XII Z MI II, D-II III, D-I	XI Z BIO spholipid HW	
nswe	(1) Glycerides er (4) Match List I with List I A. Clostridium B. Saccharor C. Trichoderr D. Streptocod Choose the corro (1) A-III, B-I, C-II (3) A-III, B-I, C-II er (1)	(2) Carbo List II <u>n butylicum</u> nyces cerevisiae <u>na polysporum</u> ccus sp. ect answer from t V, D-II , D-IV	bhydrates	(3) Am (3) Am okinase c acid sporin-A ven belov (2) A-I (4) A-I	ino acids	(4) Pho XII Z MI II, D-II III, D-I	XI Z BIO spholipid HW	

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	g for better tomorrow		NEET (UG) 2024 DAT	E:05-05-2024 BIOLOGY
	0			
	Y			
	(1) A ance R	(2) B	R (3) C nance	(4) Donance
Answer	(3)			
1 24. Answer	Which of the following i (1) <i>Pisum</i> (3)	s an example of actinc (2) Sesbania	omorphic flower? (3) <i>Datura</i>	XI B MFP-E (4) <i>Cassia</i>
125. Answer	to upstream and down (1) Inducer, Repressor, (2) Promotor, Structura (3) Repressor, Operato (4) Structural gene, Tra	stream end; Structural gene I gene, Terminator r gene, Structural gene	e	NA and these are with respect XIIs B GEN-II-B
1 26. Rei	organism?	ould be able to multiply into the genome of th be inherited along with NA is not an integral p blicate.	y itself independently in the e recipient. the host DNA. art of chromosome.	hich is transferred into an alien XII Z AB-A e progeny cells of the organism.
<mark>An</mark> swer	(1) B and C only	(2) A and E only	(3) A and B only	(4) D and E only
127. Real	 (1) does not affect matu (2) can help in cell divis (3) promotes apical dor (4) promotes abscission 	ure monocotyledonous ion in grasses, to proc ninance.	plants. Juce growth.	e is caused to grass as auxin
<mark>28</mark> .	The factor of the enzym (1) Flavin	ne carboxypeptidas <mark>e</mark> (2) Haem	(3) Zinc	(4) Niacin
Answer		Resonan Educating for better to	morrow Resonan	norrow Resonance
1 <mark>29.</mark> Answer	(1) Permease	the growth medium of (2) Polymerase	bacteria is transported to t (3) Beta-galactosidase	
30.	A. Out of one pair of fac	ctors one is dominant a	on the basis of Mendel's La and the other is recessive. oth the characters appear a	

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			NEET (UG) 2024	DATE:05	-05-2024 BIOLOGY
Answe	C. Factors occur in pairs D. The discrete unit contr E. The expression of only Choose the correct answe (1) B, C and D only (3) A, B and C only er (4)	olling a particular one of the parent	character is called fa al characters is foun	d in <mark>a m</mark> onohy and E	brid cross.
	ating for better tomorrow Education				
131. Re Re	Given below are two state Statement I: Bt toxins are Statement II: Bt toxin exis insect the inactive protoxi In the light of the above s choose the correct answe (1) Statement I is true but (2) Statement I is false but (3) Both Statement I and	insect group spects as inactive proton of gets converted is catements, r from the options Statement II is fa t Statement II is to Statement II are to	oxin in B. thuringiens nto active form due t given below: lse rue ue	sis. However, a	
Answe	(4) Both Statement I and er (1)	Statement II are la	aise		
Answe	ating for better to				
132. Re Answe 133.	Given below are two state Statement I: Parenchyma Statement II: Gymnospern angiosperms. In the light of the above s (1) Statement I is true but (2) Statement I is false bu (3) Both Statement I and (4) Both Statement I and er (2) Given below are two state Statement I: Chromosom	is living but coller ns lack xylem ves atements, choose Statement II is fa t Statement II is to Statement II are tr Statement II are fa	esels but presence of the correct answer lse rue rue alse	xylem vessels	ns given below:
	Statement II: The beginir				
	In the light of the above s				
	(1) Statement I is true but	Statement II is fa	lse		
	(2) Statement I is false bu				
	(3) Both Statement I and(4) Both Statement I and				
Answe			156		
R	sonar				
134.	Match List I with List II				
	List I Resonance	List II	Huce Kes	for better tomorrow	
	A. Nucleolus		rmation of glycolipid	Ooo	
	B. Centriole		ation like the cartwhe		
	C. Leucoplast		active ribosomal RN	onance"	
	D. Golgi apparatus		ng nutrient <mark>s</mark>	for better lomorrow	
	Choose the correct answer (1) A-III, B-IV, C-II, D-I	er from the options	s given below:		
	(1) A-II, B-II, C-III, D-IV (2) A-I, B-II, C-III, D-IV				
	(3) A-III, B-II, C-IV, D-I				
	(4) A-II, B-III, C-I, D-IV				
Answe					
135.	A List of endangered spe	cies was released	by-		

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	sonance [®]		NEET	(UG) 2024	DATE : 05-05-2024	BIOLOGY
Answei	(1) FOAM r (2)	(2) IUCN	(3)	GEAC	(4) WWF	
	ISONANCE"					
		Botany : Sec	tion –B (Q	No. 136 to 1	50)	
136.	The DNA presen (1) Linear, single (2) Circular, sing (3) Linear, double (4) Circular, double	e stranded				
Answei						
137. Answei	 Protoplasts Pollens Callus Somatic emb 	owing are fused in soma	atic hybridiza	ation involving	two varieties of plants'	Conance [®]
138.	Identify the corre	ct description about the	aivon figur			
	CLUB CALLED CALLED	AT INTERNAL				
Answei	(2) Compact inflo(3) Wind pollinate(4) Water pollinate	Is flowers showing auto prescence showing com ed plant inflorescence s ted flowers showing sta	plete autogahowing flow	ers with well		
	(O) better to					
139. Re	stem, thus, increa (1) Cytokinin	ane crop wi <mark>th w</mark> hich of t asing the yield?		p <mark>lant</mark> growth	regulators, inc <mark>rea</mark> ses th	ne length of
	(2) Abscisic acid(3) Auxin(4) Gibberellin					
Answei	r (4) nance					

140. Match List I with List II

List I Educating for better tomorrow	E List II etter tomorrow Educating for better tomorrow	Educating for better tomorrow
A. Frederick Griffith	I. Genetic code	
B. Francois Jacob & Jacque	II. Semi-conservative mode of DNA replication	
C. Har Gobind Khorana	III. Transformation	

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		NEET (UG) 2024 DATE : 05-05-2024 BIOLOGY
	D. Meselson & Stahl	IV. Lac operon
		from the option given below:
	(1) A-II, B-III, C <mark>-IV, D</mark> -I	DNANCE Kesonance Resonance r better temorrow Educating for better temorrow Educating for better temorrow
	(2 <mark>) A-</mark> IV, B-I, C-II, D-III	
	(3) A-III, B-IV, C-I, D-IV	
. 0-	(4) A-III, B-IV, C-I, D-II	
Answe	Educating in	
141.	Match List I with List II	
	List I	List II
	A. GLUT-4	
	B. Insulin	II. Enzyme
	C. Trypsin	III. Intercellular
	D. Collagen	IV. Enables glucose transport into cell
	•	from the options given below:
	(1) A-II, B-III, C-IV, D-I	
	(2) A-III, B-IV, C-I, D-II	
	(3) A-IV, B-I, C-II, D-III	
Educa	(4) A-I, B-II, C-III, D-IV	
Answe	er (3)	
142.	Given below are two statem	ente:
1 TZ Educa		some O_2 bino RuBisCO, hence CO ₂ fixation is decreased.
		mesophyll cells show very little photorespiration while bundle show cells do
	not show photorespiration.	
		ements, choose correct answer from the options given bleow
	(1) Statement I is true but st	atement II is false
	(2) Statement I is false but s	
	(3) Both statement I and sta	
Anouro	(4) Both statement I and sta	tement II are false
Answe	ar (1)	
143.	Identify the step in tricarbox	ylic acid cycle, which does not involve oxidation of substrate.
140.	(1) Succinyl -CoA→Succini	· ·
	(2) Isocitratrate $\rightarrow \alpha$ - ketog	
	(3) Malic acid \rightarrow Oxaloaceti	
	(4) Succinic acid \rightarrow Malic acid	
Answe		
144.	Match List I with List II	
	List I resonance	List II Dance" Resonance" Resonance"
	A. Citric acid cycle	I. Cytoplasm
	B. Glycolysis	II. Mitochondrial matrix
	C. Electron transport syste	III. Intermembrane space of mitrochndria
		from the option given below:
	(1) A-III, B-IV, C-I, D-II	
	(2) A-IV, B-III, C-II, D-I	
	(3) A-I, B-II, C-III, D-IV	
	(4) A-II, B-I, C-IV, D-III	
Answe		
145.	Which of the following state	ment is correct regarding the process of replication in E.coli?

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Re	(2) The DNA dependent DNA p(3) The DNA dependent DNA p(4) The DNA dependent RNA p	olymerase catalyses polymerization in $5' \rightarrow 3'$ as well a olymerase catalyses polymerization in $5' \rightarrow 3'$ direction olymerase catalyses polymerization in one direction the olymerase catalyses polymerization in one direction, the olymerase catalyses polymerization in one direction.	at is 3'→5'.
Answe	F (2) Educating for better tomorrow		
146.		ary Productivity (NPP) of first trophic level is be the GPP (Gross Primary Productivity) of the third tro	
Answe			
147.	Match List I with List II		
1471	List I	List II	
	A. Rose	I. Twisted aestivatio	
	B. Pen	II. perigynous flower	
	C. Cotton	III. Drupe	
	D. Mango	IV. Marginal placentation	
	Choose the correct answer from	n the option given below:	
	(1) A-IV, B-III, C-II, D-I		
	(2) A-II, B-III, C-IV, D-I		
	(3 <mark>) A-I</mark> I, B-IV, C-I, D-III		
	(4) A-I, B-II, C-III, D-IV		
Answe	r (3) n an		
Educa	tung for better to		
148.	Match List I with List II		
	List I	List II	
	A. Robert May	I. Species -Area relationship	
	B. Alexander von Humboldt	II. Long term ecosystem	
	C. Paul Ehrlich	III. Global species diversity at about 7 millon	
	D. David Tilman	IV. Rivet Popper hypothesis	
	Choose the correct answer from	n the option given below:	
	(1) A-I, B-III, C-II, D-IV		
	(2) A-III, B-IV, C-II, D-I		
	(3) A-II, B-III, C-I, D-IV		
	(4) A-III, B-I, C-IV, D-II		
Answe			
	iting for better tor		
149.	Match List I with List II		
	List I Educating for better tomorrow	Educating for better tomorrow Educating for better tomorrow.	
	(Types of Stamens)	(Example)	
	A. Monoadelphous	I. Citrus	
	B. Diadelphous	II. Pea	
	C. Polyadelphous	TIII. Lily better tomorrow Educating for better tomorrow Ed	
	D. Epiphyllous	IV. China-rose	
	Choose the correct answer from		
	(1) A-I, B-II, C-IV, D-III		
	(2) A-III, B-I, C-IV, D-II		
	(3) A-IV, B-II, C-I, D-III		
	(4) A-IV, B-I, C-II, D-III		
Anour			
Answe			

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150 .		and choose the set of correct statements	
	In the members of phaeophyce	ae, LE RESUICILE Educating for better tomorrow Educating for better tomorrow	
	(A) Asexual reproduction occurs	s usually by biflagellate zoospores.	
	(B) Sexual reproduction is by or		
	(C) Stored food is in the form of	f carbohydrates which is either mannitol or laminarin.	
	(D) The major pigments found a	are chlorophyll a, c and carotenoids and xanthophyll.	
		ulosic wall, usually covered on the outside by gelatinous	coating of algin.
	Choose the correct answer from		sonance
	(1) A,C,D and E only	Educating for better tomorrow Educating for better tomorrow Educating	
	(3) A,B,C and D only		
	(4) B,C,D and E only		
Answe			
		ogy : Section –A (Q. No. 151 to 185)	
	ating for better to	-3,,	
151.	Match List I with List II		
131.		List II	
	A. Typhoid	I. Fungus	
	B. Leishmaniasis	II. Nematode	
	C.Ringworm	III. Protozoa	
	D. Filariasis	IV. Bacteria	
	Choose the correct answer from	n the option given below:	
	(1 <mark>) A-III</mark> , B-I, C-IV, D-II		
	(2) A-II, B-IV, C-III, D-I		
	(3) A-I, B-III, C-II, D-IV		
	(4) A-IV, B-III, C-I, D-II		
Answe	er (4)		
152.	Match List I with List II		
	List	List II	
	A. Non-medicated IUD	I. Multiload 3	
	B. Copper releasing IUD	II. Progestoger	
	C. Hormone releasing IUD	III. Lippes loop	
	D. Implants	IV. LNG-20	
	Choose the correct answer from		
	(1) A-IV, B-I, C-II, D-III	in the option given below.	
	(2) A-III, B-I, C-IV, D-II		
	(3) A-III, B-I, C-II, D-IV		
A	(4) A-I, B-III, C-IV, D-II		
Answe	r (2) Resonance		
450			
<mark>15</mark> 3.	Given below are two statements		
		absence of hymen is not a reliable indicator of virginity	
	Statement II: The hymen is tor		
		ents, choose correct answer from the options given below	g for better tomorrow
	(1) Statement I is true but State		
	(2) Statement I is false but State		
	(3) Both Statement I and Stater		
	(4) Both Statement I and Stater	nent II are false	
Answe	er (1)		
154.		air of jointed filamentous structures called anal cerci are	present on
	(1) 8 th and 9 th segment		
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	(2) 11 th segment		
	(3) 5 th segment		
Educ	(4) 10 th segment		
Answe	er (4)		
155.	Match List I with List II		
Re		List II Resonance Resp	
	A. Pons	I. Provides additional space for Neurons,	
	Resonance"	reggulates posture and balanc.	
	B. Hypothalamus	II. Controls respration and gastric secretions	
	C. Medulla		
	D. Cerebellum	IV. Neuro secretory cells	
	Choose the correct answer fro	om the option given below:	
	(1) A-I, B-III, C-II, D-IV		
	(2) A-II, B-I, C-III, D-IV (3) A-II, B-III, C-I, D-IV		
	(4) A-III, B-IV, C-II, D-I		
Answe			
	esónar		
56.	Which of the following is not a	a steroid hormone?	
	(1) Progesterone (2) Glucagon		
	(3) Cortisol		
	(4) Testosterone		
nswe			
Answe	3'TACATGGCAAATATCCAT (1) 5' AUGUACCGUUUAUAG (2) 5' ATGTACCGTTTATAGC (3) 5' AUGUACCGUUAUAGC (4) 5' AUGUAAAGUUUAUAG er (3)	GGAAGU3' GTAAGT3' GUAAGU3'	
R	esonar		
58.	location in human body	ven as a, b and c. Identity the correct matching part	r along with their
		•	
		Resonance" Resonance"	
		acating for better tomorrow Educating for better tomorrow	
		🖌 "ce" 📃 Resonance" 📃 Reso	
		Educating for better tomorrow Educating for	
	(a) (b) (c)		
	(a) (b) (c) Name of muscle/location		
	(a) (b) (c) Name of muscle/location		
	Name of muscle/location (1) (a) skeletal- Biceps	Resonance [®] Reson	
	Name of muscle/location (1) (a) skele <mark>tal-</mark> Biceps (b) Involuntary – Intes	Resonance* Resonance* Rance* Resonance* Resonance stine	
	Name of muscle/location (1) (a) skeletal-Biceps (b) Involuntary – Intes (c) Smooth-heart		
	Name of muscle/location (1) (a) skeletal- Biceps (b) Involuntary – Intes (c) Smooth- heart (a) Involuntary – Intes		
	 Name of muscle/location (1) (a) skeletal- Biceps (b) Involuntary – Intes (c) Smooth- heart (a) Involuntary – Intes (b) Skeletal – Bone 		
	Name of muscle/location (1) (a) skeletal- Biceps (b) Involuntary – Intes (c) Smooth- heart (a) Involuntary – Intes		

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R	 (b) Skeletal- legs (c) Cardiac- Heart (4) (a) Skeletal- Triceps (b) Smooth – Stomach (c) Cardiac- Heart 	Resonance [®]		* sonance*
Answe				
159.	Following are the stages of cell division A. Gap2 phase B. Cytokinesis C. Synthesis phase D. Karyokinesis E. Gap 1 phase	etter tomorrow [®] Resonance [®]		
Answe	Choose the correct sequence of stages fr (1) B-D-E-A-C (2) E-C-A-D-B (3) C-E-D-A-B (4) E-B-D-A-C er (2)	rom the option given bel	ow	
160.	 Which of the following are autoimmune di A. Myasthenia gravis B. Rheumatoid arthritis C. Gout D. Muscular dystrophy E. Systemic Lupus Erythematous (SLE) Choose the most appropriate answer from (1) B, C and E only (2) C, D and E only (3) A, B and D only (4) A, B and E only 		/	
161. R	Match List I with List II:List IList IIA. LipaseI. Peptide bondB. NucleaseII. Ester bondC. ProteaseIII. Glycosidic boD. AmylaseIV. Phosphodies:Choose the correct answer from the optic(1) A-II, B-IV, C-1, D-III(3) A-IV, B-II, C-III, D-I	ter bond		
Answe		Resonance*		
162. Answe	The flippers of the Penguins and Dolphins (1) Convergent evolution (3) Adaptive radiation er (1)	s are the example of the (2) Divergent ev (4) Natural selec	olution	
163.	Match List I with List II:			
	List I	t II Onennennet		

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	sona			NEET (UG) 2024 DATE : 05-05-2024 BIOLOGY
	Α.	Expiratory capacity	I.	Expiratory reserve volume + Tidal volume Inspiratory reserve volume
	В.	Functional residual capacity	II.	Tidal volume + Expiratory reserve volume
	C.	Vital capacity	III.	Tidal volume + Inspiratory reserve volume
	D.	Inspiratory capacity	IV.	Expiratory reserve volume + Residual volume
Answer	(1) A (3) A	ose the corr <mark>ect</mark> answer from the -II, B-I, CIM, D-III -II, B-IV, C-I, D-III	optior	ns given below: (2) A-I, B-III, CII, D-IV (4) A <mark>-III,</mark> B-II, C-IV, D-I
164. Re	(1) G (2 Co (3) G	ene migration onstant gene pool enetic recombination	ill not	affect the Hardy-Weinberg equilibrium?
	(4) G	enetic drift		
Answer	(1)	(2)		
AIISWEI	(2)			
165. Answer	A. Ho B. Ho C. Ho D. Ho Choo (1) C	omo habilis omo sapiens omo neanderthalensis omo erectus	nan ev	volution. Arrange them in correct sequence. (Past to Recent) volution from the options given below: (3) D-A-C-B (4) B-A-D-C
166.	A. A B. Pu C. A D. Bu E. SA Choo (1) B (2) E (3) E (4) A	wing are the stages of pathway / bundle urkinje fibres / node undle branches A node ose the correct sequence of path -D-E-C-A -A-D-B-C -C-A-D-B -E-C-B-D		nduction of an action potential through the heart: rom the options given below:
Answer	(3)			
167. Re Answer	(1) L (2) L (3) H (4) H	h of the following factors are favor ow pCO_2 and High H ⁺ concentration ow pCO_2 and High temperature igh pO_2 and High pCO_2 igh pO_2 and Lesser H ⁺ concent	ation	ele for the formation of oxyhaemoglobin in alveoli?
168.	Moto	h List I with List II: aschance		
100.	List I	the temperature with List II. Concerned to better tomore	ow.	St II
		1 antitrypsin		Cotton bollworm
		y IAb		ADA deficiency
	C. C			I. Emphysema
		nzyme replacement therapy		/. Corn borer
		ose the correct answer from the		

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(1) A-III, B-IV, C-L, D-II (2) A-II, B-IV, C-L D-III (3) A-II, B-I, C-IV, D-III (4) A-III, B-I, C-II, D-IV			ance
Answer (1)			
169. Given below are two statements: one is Assertion A: FSH acts upon ovarian fol Reason R: Growing ovarian follicles see in male human being.	licl <mark>es in</mark> female and Leydig	g c <mark>ells in male.</mark>	
In the light of the above statements, ch (1) A is true but R is false	oo <mark>se th</mark> e correct answer fr	rom the options g	iven below:
 (2) A is false but R is true (3) Both A and R are true and R is the c (4) Both A and R are true but R is NOT 		A.	
Answer (4)	(3)	(4)	
170. The following diagram showing restriction	on sites in E.coli cloning v	ector pBR322. F	ind the role of 'X' and
EcoR I Cla I Hind III Pru I Pst I pBR322 Sat I			
X Y			
 (1) The gene 'X' is for protein involved i (2) Gene 'X' is responsible for recognition (3) The gene 'X' is responsible for resist Plasmid. (4) The gene 'X' is responsible for continuolved in the replication of Plasmid. Answer (4) 	on sites and 'Y' is respons tance to antibiotics and 'Y'	ible for antibiotic for protein involv	resistance. ved in the replication o
171. Match List-I with List-II			
List-I A. Cocaine B. Heroin	List-II I. Effective sedative in s II. Cannabis sativa	urgery	
C. Morphine D. Marijuana	III. Erythroxylum V. Papaver somniferum		
Choose the correct answer from the op (1) A-II, B-I, C-III, D-IV (3) A-IV, B-III, C-I, D-II	tions given below: (2) A-III, B-IV, C-I, D-II (4) A-I, B-III, C-II, D-IV		
Answer (2)			
172. Consider the following statements : A. Annelids are true coelomates B. Poriferans are pseudocoelomates			
A. Annelids are true coelomates			

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173. Answe	permeable to electrolytes. Statement II: The proximal convoluted tub increases the surface area for reabsorption In the light of the above statements, choose (1) Statement I is true but Statement II is for (2) Statement I is false but Statement II is (3) Both Statement and Statement II are to (4) Both Statement I and Statement II are	se the 2 correct answer fr <mark>om</mark> the options g false true rue	ler epithelium and	
	Match List I with List II: List-I A. Fibrous joints B. Cartilaginous joints C. Hinge joints D. Ball and socket joints Choose the correct answer from the optio (1) A-II, B-III, C-I, D-IV (3) A-IV, B-II, C-III, D-I	List-II I. Adjacent vertebrae, limited mover II. Humerus and Pectoral girdle, rot III. Skull, don't allow any movement IV. Knee, help in locomotion ns given below: (B) A-III, B-1, C-IV, D-II (4) A-1, B-III, C-II, D-IV	ational movement	
Answe		(1) 11 1, 2 11, 2 11, 2 11		
175. Answe	Which of the following is not a natural/trac (1) Lactational amenorrhea (3) Interrupted intercourse rr (2)	ditional contraceptive method? (2) Vaults (4) Periodic abstinence		
176.	(3) A-IV, B-II, C-III, D-I	List II I. Mollusca II. Ctenophora III. Osteichthyes IV. Hemichordata ns given below: 2) A-IV, B-III, C-II, D-I 4) A-II, B-1, C-IV, D-III		
<mark>177</mark> .	Match List I with List II:			
		ist-II Centriole		
Answe	B. Cartwheel patternIIC. CristaIID. SatelliteIVChoose the correct answer from the optio(1) A-II, B-IV, C-I, D-III(2)(3) A-IV, B-III, C-II, D-I(4)	. Cilia and flagella I. Chromosome V. Mitochondria		
178.	Which of the following statements is inco	Resonance' A		
0-	(1) Bio-reactors are used to produce sma(2) Bio-reactors have an agitator system,	Il scale bacterial cultures. an oxygen delivery system and foam cont conditions for achieving the desired produ		
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Answer	- (1)	
179.	Match List I with List II:	
17 Seducat	List I	Educating for better tomorrow List II
	(Sub Phases of Prophase I)	(Specific characters)
	A. Diakinesis	I. Synaptonemal complex formation
	B. Pachytene	II. Completion of terminalisation of chiasmata
	C. Zygotene	III. Chromosomes look like thin threads
	D. Leptotene mance Resona	IV. Appearance of recombination nodules
	Choose the correct answer from the options	s given below
	(1) A-II, B-IV, C-I, D-III	R (2) A-IV, B-III, C-II <mark>, D-</mark> I Resonance
	(3) A-IV, B-II, C-III, D-I	(4) A-I, B-II, C-IV, D-III
Answer	· (1)	
Re	sonar	
180.	Match List I with List II:	
		List II sonance"
	A. Common cold	I. Plasmodium
	B. Haemozoin	II. Typhoid
	C. Widal test	III. Rhinoviruses IV. Dust mites
	D. Allergy Choose the correct answer from the options	
	(1) A-III, B-I, C-II, D-IV	(2) A-IV, B-II, C-III, D-I
	(3) A-II, B-IV, C-III, D-I	(4) A-I, B-III, C-II, D-IV
Answer		
7 (110 (101		
181.	Given below are two statements: one is labe	elled statements as Assertion A and the other is labelled as
	Reason R :	
		iod of infant growth is recommended by doctors for bringing
	a healthy baby.	, , ,
		odies absolutely essential to develop resistance for the new
	born baby.	
	In the light of the above statements, choose	the most appropriate answer from the options given below:
	A is correct but R is not correct.	
	(2) A is not correct but R is correct.	
	(3) Both A and R are correct and R is the co	
	(4) Both A and R are correct but R is NOT the	ne correct explanation of A.
Answer	· (3)	
182.	Match List I with List-II :	
	List	List II
	A. Pterophyllum	I. Hag fish
	B. Myxine Solitation Resolitation	
	C. Pristis	III. Angel fish
	D. Exocoetus	RIV. Flying fish
	Choose the correct answer from the options	(2) A-III, B-II, C-I, D-IV
	(1) A-IV, B-I, C-II, D-III (3) A-II, B-I, C-III, D-IV	(4) A-III, B-I, C-II, D-IV
Answer		
Answei	ing for better tomorrow Educating for better tomorrow	
183.	The "Ti plasmid" of Agrobacterium tumefac	iens stands for
100.	(1) Tumor inducing plasmid.	nce Resonance Resonance
	(2) Temperature independent plasmid	
	(3) Tumour, inhibiting plasmid	
	(4) Tumor independent plasmid	
Answer		
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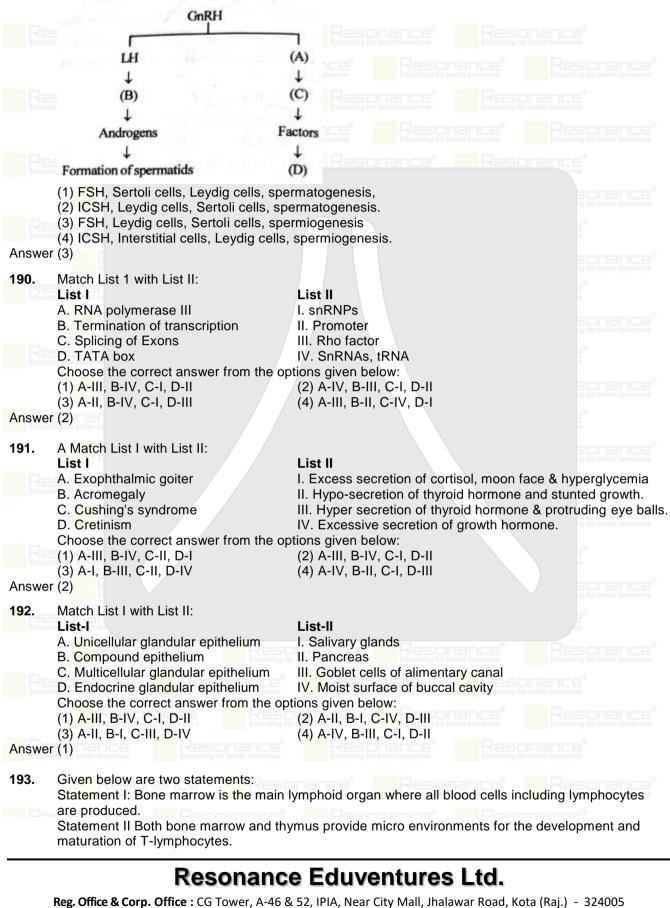
184.	Which of the following is not a compone (1) Infundibulum	ent of Fallopian tube? (2) Ampulla		
	(3) Uterine fundus	(4) Isthmus		
Answer	(2) Resonance Reso			
185.	A Match List I with List II: List-I A. Down's syndrome B. α -Thalassemia C. β -Thalassemia D. Klinefelter's syndrome Choose the correct answer from the opt (1) A-III, B-IV, C-I, D-II (3) A-I, B-II, C-III, D-IV	List-II I. 11 th chromosome II. 'X' chromosome III. 21 st chromosome IV. 16 th chromosome tions given below: (2) A-IV, B-I, C-II, D-III (4) A-II, B-III, C-IV, D-I		
Answer		ction –B (Q. No. 186 to 200)		
186.	 The following are the statements about A. Pharynx is perforated by gill slits. B. Notochord is absent. C. Central nervous system is dorsal. D. Heart is dorsal if present. E. Post anal tail is absent. Choose the most appropriate answer from (1) B, D & E only (2) B, C & D on (4) 	om the options given below:	(4) A, B & D o	nly
Answer	(1) Better to			
187.	Match List I with List II: List-I A. Mesozoic Era B. Proterozoic Era C. Cenozoic Era D. Paleozoic Era Choose the correct answer from the op (1) A-I, B-II, C-IV, D-III (3) A-II, B-I, C-III, D-IV (2)	List-II I. Lower invertebrates II. Fish & Amphibia II. Birds & Reptiles IV. Mammals tions given below: (2) A-III, B-I, C-IV, D-II (4) A-III, B-I, C-II, D-IV		
188.	Given below are two statements:			
 Statement I: The cerebral hemispheres are connected by nerve tract known as corpus callosum. Statement II: The brain stem consists of the medulla oblongata, pons and cerebrum. In the light of the above statements, choose the most appropriate answer from the options given below: (1) Statement I is correct but Statement II is incorrect. (2) Statement I is incorrect but Statement II is correct. (3) Both Statement I and Statement II are correct. (4) Both Statement I and Statement II are incorrect. 				
Answer	(1)			
189.	Identify the correct option (A), (B), (C), (D) respect to spermatogenesis.		

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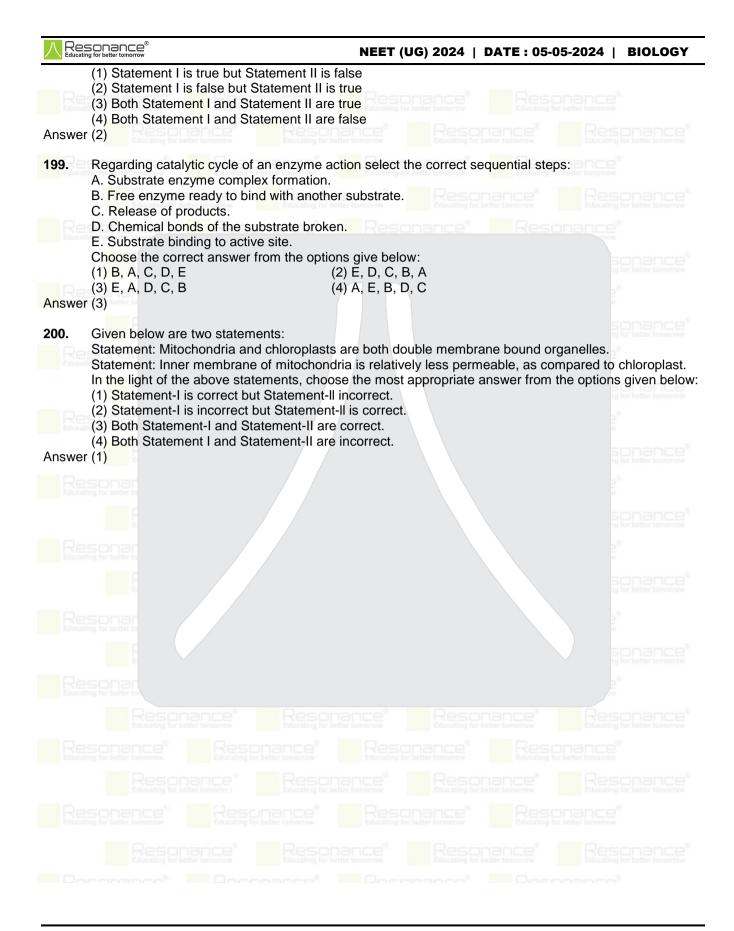
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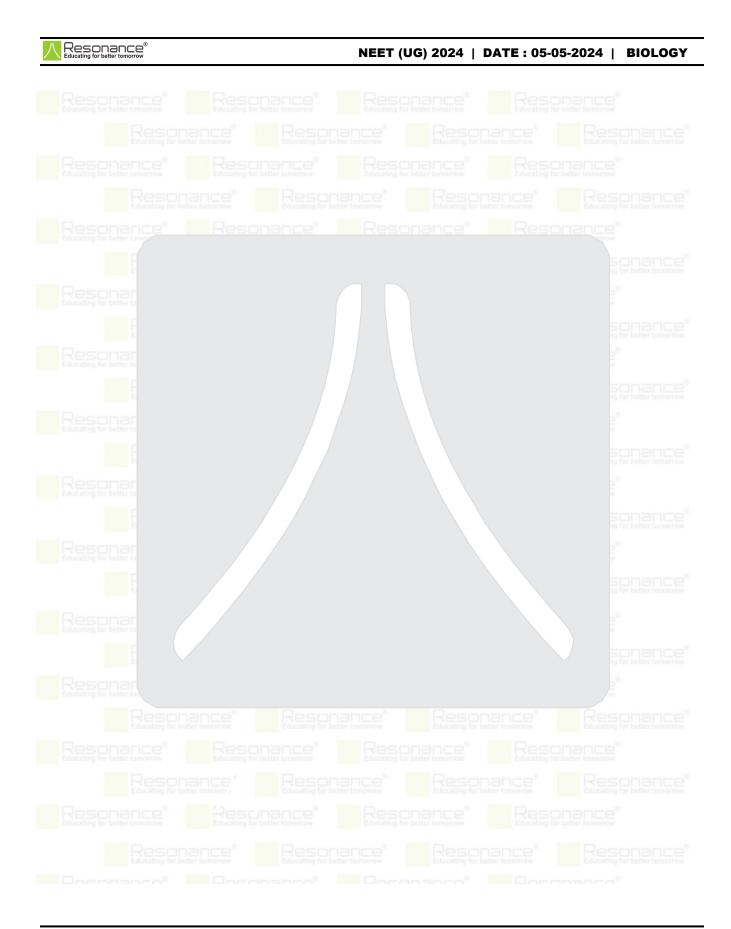
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		NEET (UG) 2024 DAT	TE:05-05-2024 BIOLOGY
	In the light of the above statements, choo below:	se the most appropriate ans	swer from the options given
	 (1) Statement I is correct but Statement II (2) Statement I is incorrect but Statement 		
	 (3) Both Statement I and Statement II are (4) Both Statement I and Statement II are 	correct.	
An <mark>swe</mark>		Resonance [®]	
194.	Match List I with List II related to digestive List-I	system of cockroach.	
	A. The structures used for storing of food,	R I. Gizzard	
	B. Ring of 6-8 blind tubules at junction of foregut and midgut	II. Gastric caeca	
	C. Ring of 100-150/yellow coloured thin	III. Malpighian tubule	S In the second se
	filaments at junction of midgut and hinde D. The structures used for grinding the foo		
	Choose the correct answer from the optior (1) A-IV, B-III, C-II, D-I	ns given below: (2) A-III, B-II, C-IV, D-	sonance
	(3) A-IV, B-II, C-III, D-I	(4) A-I, B-II, C-III, D-I	
Answe			
<mark>19</mark> 5.	Choose the correct statement given below	· · · ·	•
	 (1) Loop of Henle of adjacent medullary n (2) Juxta medullary nephrons outnumber 		ulia. Sonance
	(3) Juxta medullary nephrons are located(4) Renal corpuscle of juxta medullary ne		n of the renal medulla
Answe		priron nes in the outer portio	in of the renarmedula.
<mark>19</mark> 6.	Match List I with List II:	Liet II	
	List I A. P wave	List II I. Heart muscles are e	electrically silent.
	B. QRS complex C. T wave	II. Depolarisation of ve III. Depolarisation of a	
	D. T-P gap	IV. Repolarisation of v	
	Choose the correct answer from the optior (1) A-II, B-III, C-I, D-IV	ns given below: (2) A-IV, B-II, C-I, D-II	
A	(3) A-I, B-III, C-IV, D-II	(4) A-III, B-II, C-IV, D-	
Answe	ar (4) better to		
197.	As per ABO blood grouping system, the bl respective genotype can be	ood group o <mark>f fa</mark> ther is B+, m	other is A <mark>+ a</mark> nd child is O+. Their
	A. I ^B i /I ^A i / ii B. I ^B I ^B / I ^A I ^A / ii	C. I ^A I ^B / iI ^A / I ^B i	D. I ^A i / I ^B i /I ^A i
	E. iI ^B / iIA /I ^A I ^B Choose the most appropriate answer from	the options given below:	
A 10 01 11 0	(1) C & B only (2) D & E only	(3) A only	(4) B only
Answe	ting for better tomorrow		
198.	Given below are two statements Statement I: Gause's competitive exclusive	e principle states that two clo	selv related species competing
	for different resources cannot exist indefin	itely.	
	Statement II: According to Gause's princip be true if resources are limiting.	le during competition, the inf	erior will be eliminated. This may
	In the light of the above statements, choos	se correct answer from the op	otions given below :
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