

ூலங்கையின் உயர்தர கணித விஞ்ஞான

பிரிவிற்கான இணையதளம்

# SCIENCE EAGLE www.scienceeagle.com



- C.Maths
- Physics
- Chemistry

+ more

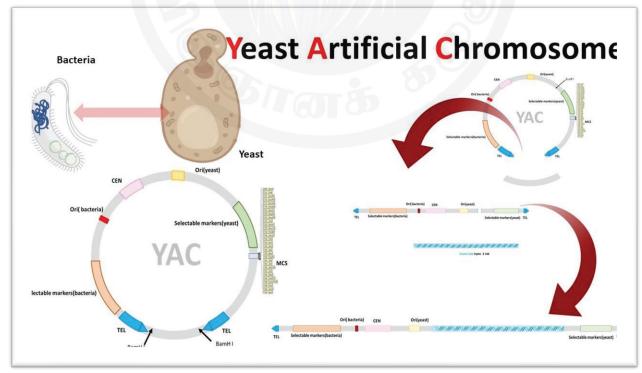




### தொண்டைமானாறு வெளிக்கள நிலையம் நடாத்தும் ஐந்தாம் தவணைப் பரீட்சை - 2021

தரம் :- 13 (2021) உயிரியல் புள்ளியிடும் திட்டம்





#### Part I

1.	2	11.	3	21.	4	31.	4	41.	4
2.	4	12.	4	22.	5	32.	3	42.	3
<i>3</i> .	3	13.	5	23.	5	33.	4	43.	2
4.	5	14.	2	24.	1	34.	1	44.	1
<i>5</i> .	3	15.	5	<i>25</i> .	2	<i>35</i> .	3	45.	2
6.	4	16.	1	26.	5	36.	5	46.	5
7.	2	17.	2	27.	3	37.	1	47.	3
8	2	18.	4	28.	1	38.	2	48.	2
9.	1	19.	3	29.	2	39.	4	49.	3
10.	5	20.	2	<i>30</i> .	4	40.	5	<i>50</i> .	2

50x1= 50 Marks

Part II.

A. HOOLENJESC GOOM,

1 A. D. q. Englist se realing Hindren zivirompring 66

Domionierse from

on Britaria Homores si contain, 2 in Ompribalisai

ong gie retination.

b. organ aborganoughismi: Epselvonousa Domoniu IX

bomi La groughismi: Lors Commissa Domoniu IX

॥) • भ्दर्भकल

Porto de Goder (12510) si Lonco (4)

Coto de Goder (12510)

Coto de Goder (

· Dugadorla Dubani Am · Umi y Monco que zonosaron à Corto qui / Os Geno qua la conscription os de jan

· 4799 0811604

(3+3) 61

iii). NADP+

1x

W). Og Brononson, Brig Obryfalson, Alive Louigeanismi ognogati

B 1). on moun Buyêdales Dechous / RNA 1x
u) q v b x
b X
X 3 X
III) இரை மொன் அள் பேற்றோரை அவர் அள் சுளமுளைப்
vom y som on Low Anji Nuri yambi lengu Calingan fonna
· இற்லொடு கிரைமும் சிலை வாடும் சீருவினால் குறங்கத்
higumalyis miss migu danjansons Warran
ठाइका काम कियाक (किया मुका किया हिम्मी पर्वेष 2X
Wast Garalen. b. Olanovois an C. His Garanung ga
d. NAGbunon 6 Brian
V). orosi y Bonsin / Osteichthyes
C. 1) ( Lind amon (Giz) og na som bomlin anip is orsis & sovie ( George lo osomini de ) Ognini oraz 1x 11). Osi Osisonos Jonesus sovie som
ovonnés Ogninosa 1x
11). Oc Osavos on cons som
(Bring on Omony) orono or as and someway for Bin 2x
(11) a. Lonom ou on n & Horw Bong 6 Brim mon
11). a. Zonom ou om à Honw Bon Obnim moi
W) a () Bull ( ) ( Color) Color) Color
b. opnown in i de de de de de de men of boron sin  t Channol born sin  2 x
· H (Skonno) b o n s n / 2x
V), (onifulio) sovami de grogesogieting 6 vum vi Galin
மாப் பொடுள் போன்று கறையாத மப் படுகியமாக மோற்றுப்
viGelioi 2x.
vI) on am Empisons on lon 1X
VII). (Bongs otable) de den minde
DE Gononzia stessonnis Obnomi Onows Boro
Dom 6 2 on al your dis anim son
3(3 (yconc (5 gorio) 4x
VIII), Haray Bi ON LIWERS 1X
Allas
$\alpha$ nieličnės

2 A.D. Alysocio 1x	
11). By i y & siv is, By i vongulonguis/vonsulonguis son	è 2×
III), Rome 2 Esonong 2 & sovio / 15 noi	
· Lod s (5/ Ovngomos Offluis	
o out fami ung 2 snom ivión oggrag	2 X
14). 2 com en nous en en 2 remenden en es	
(Domés 28 jalwon cosa onnymi y pommi unit v Gaja)	
Gungrés le monming unubone 2 mos agri	
V) Bigur one 2 om om	1x
vi) Brés smajelin Gonjynj v Gal	2 X
VII), 1 (2 gradio Usin tros 66) degis	
Orandwinder Ogrammer Getwag monvule design	
Pepsinogen 333	
· (Coa voncing / Vagon ing home omi vool & Copi	ω) 
Ging on is misobologeons yale Bo overlisson	
2 Gransais	3x
VIII). Assianulynnic , Ajni snig	2 X
Bi). Daw or on mo sing yà sizy	
· Dawagary  · Dawonony Drajesiy  3 x	
1) Swamm Star Backa / Why - 12 Why 20 64	
11) · 200 on ne d) mosé yà ogn (Ba) / Voly - voully mosé y  · defition old for One Don (Buron y) / Bonn Ain	
· Ozi i v iz anov	
III), q 6 Bwa 6 Bonn Noni 1x	***************************************
b. Branonz Brasilis IX	
เพ). เอกกันบนเลา , รถก สอกันธที่ (เค้าการ์สอก์ดิน	mysm,
D604 2x	
v) a. Egm, oscessonsussi	
b somani - 2 i yasani	
C. beigen - oungonnont ogn & 3 x	

	· ·
or a page of the same of	
	VI). 2 i frag os orlator momi visio zna, a om og ogn nj men
	Eggiv Donni v Gogi v Vonnov Booi Garomon one
	· Ogne is 52) Wangs Nonnas Book Ognomone one
	Brown às a jul
THE RESIDENCE AND ADMITTAL ASSESSMENT	Bonna de mario Go. 3x
C	1). Egf bomongoù plomrbis songs son 3 x  11) Itbis ones Cosin and Stephenis sonis  oranje mis ones olonin stephenic is sonis  oranje mis ones olonin mend + out is in  Cestokines)  Esturic (242) 4x
	11) It bi ong Gosnon ambleic sais/Amilin
	orosoni Looj Argonicisanis
	overige mai one floring mond tout is a fin
	(Cestokines) (3 chusé (242) 4x
	III). Brusserze Gible T Erva Bon Jorg W Won B Erva sorong  You Gari  IX  IV) a. NH3 IX  b. rossori oray Bon Am / A. Beary som in Quille  Um 2/ nt Am IX
the code to defect that present the	Yrin Gani
	W) a, NH3 IX
	b. monosin orony Consin Ol. Bessysman Guishi
	VERSION IX
	40x2.52 250 cynim
3	A 1) Bovoriconn j forbroz Godlunory zun Arabogafon
	Lip Brownson 2 mynjon osigosar v - a 1x
*****	แ) (33) ธ ผมพิมฑ
	Ozny & v yoznism
	OBOX DMAL GAM 3X
	14) ADH, Provon On On On 2X
- Manus de B. V. andel Sadar and m. Manus de	(V) oonsberdun. / Knidarig. 1x
.,	V). a. (Port)
to the second section of the second	b. Garmwi
W1 101 12 101 12 11 11 11 11 11 11 11 11 11 11 11 11	C, 1366 moy 3x
	V). Busi ori Ul Gris ing of / Conni Draf of on a lot
	VII) Haroi us ç grano, Du f arty ) us qu'ani Dus as roy jais 3X
	BI) a: Atariansisio soil/somisonoù sossaivios acestry asi
	Obings Dovice Denianisma
at 16 (10 to 2 to	· Ogrupmidio vannajora on vojejo sandigio mysm 2x
	Atlas
	4
1	

	. b. ybgnavákgon IX
	1). O Honovákyon IX  PRH, PI It, Yorgonom 3x  11). O Hono By on Comin on
	11). · Hmé syrasi Comishi oposmy congy mi smi
	on von mougo
	Overgeton (2 in 36 in alw own on whym) completing in Branch on the 2 xx
	Grongstony (2 modunon mbon). 2x
	III) 2 en groniumon monte monte oci sos
	Honcario vom Orio Origi Olmn Chong boron 52/300
	Brish Prigri Emberzi Omul apunt com Con Colo
	11). 2 e-oi Showin morunory nhuco bi zon Iponcujó ason Oniu Gyūji Ohnnf Chonnyhoron Bajan Jenory Grissi Gunyoresi Ohnnf Chonnyhoron Bobucajaji / Onivalor Delhaling of Bompajo non grom in Guompo 2X onoon Vajaji.
	(V) a bandon (d(sdo) sovospin Incasa con da
	o bulin menjali port à 2162 2 is o denfor 29 is (ora Bonuli des Revolon 310 i Nomoi) Oraportajasi
	· bulin mangigli port à 216226
	6 dent de Lajo (org Boneshi des Raros on troi sermoi)
	oraportagio
	V). HEGYGÓ HYDOG HYDOG HYDOG BÓN / SUN HORONG LEGY CESSÓN / BUNG BON
	2 om GULLoyê, 49 zwhi yld. Jordonali Giy @son
	Bun vas seson for onmo duon Bon
	annoul My Good   Dov boson   For Con Am. )
	orm & your of Statem
	16 mals m (2 t2) x
	0.5 .0.60 . 0.50
	Ci). Wysburst & highering 2x
	(Azor Osnori ovoys & Donorin) of Espelwonego
	OBON OBHOM OVOJA (3 Chan ann) OA (5 9 2/10 on go)
	o Obunoi som 2 mjuziel Obineja. 3x
	Iri) Dollar Carlo Dario IX
	181). Dalluzi Lquoù Inziona IX. 11). ota an Bonn & Com Com an om Surrous   Cullusina Com Com Com an om Surrous   Cullusina Com
	1). Axalonyonon Com Com on on Surroup & black 2 non Com Com
	Allas
l	

N) of offy of sewal wrops IX  b. Townghows of row Brows of 1 X  40 X 25 = 100 yind him.  1) a Down Gib Go on you for grow of the form of ying.  5. books ABO (Golfo x = 2 )  10). Schizophrinia / 2 m & horso Go of form of the your of the form of the f	
Down G hy Gigg no Alor grow of the langer of the Desirance)  11) a Down Ghi Georgic   von off Good of Config Dos Vogi vong wove of the some of the Down Ghos anomy ve it to the	ND a state Oranged was 1x
Down G hy Grigin in the provision (Disserus)  11) a Down Ghi Berive   von other com Grisa  11) a Down Ghi Berive   von other com Grisa  12)  13) Book No is very work of the snown in the source of the contract of the contra	b. God med was I fon Ream of 14
Down G hy Gigg no Alor grow of the langer of the Desirance)  11) a Down Ghi Georgic   von off Good of Config Dos Vogi vong wove of the some of the Down Ghos anomy ve it to the	Les x 25 Les winden
Down G hy Gigg no Alor grow of the langer of the Desirance)  11) a Down Ghi Georgic   von off Good of Config Dos Vogi vong wove of the some of the Down Ghos anomy ve it to the	1 A D Promote granical Distriction of Promote
1) a Doord ABO Coff rive or	THE DESCRIPTION OF THE PROPERTY OF THE STATE
1) a Dom Chi (Conjuin   von other som Config Ob Volivono Work Oh snoop iv in 1x  b. book ABO (Cofficiene   1x  C. It i x Is i. Dom Charles Hunder   (0 x  11). Schi soph rinia / 2 m i klorg at 1x  11). a. & G Borghi Dom Chi & Borgine ( (woom not) )  Annoi ouring hly Prinja of reflection enoutive in 1x  b. Obrah blor / Colchicine   1x  C. Sophible begang fin bequeroon) but is  bright foo Go   1x  B. 1) o viveria of chi oak / 4 glw hlush dollan ong Corom Mobily  bright foo Go   1x  B. 1) o viveria of chi oak / 4 glw hlush dollan ong Corom Mobily  bright foo Go   1x  B. 1) o viveria of chi oak / 4 glw hlush dollan ong Corom Mobily  bright foo Go   1x  B. 1) o viveria of chi oak / 4 glw hlush dollan ong Corom Mobil  Bright ong Corom ( or ong Corom Mush ong Corom ong Corom Mush  along Corom on Corom of Corom ong Corom o	and a similar in the second of
1) a Dom Chi (Conjuin   von other som Config Ob Volivono Work Oh snoop iv in 1x  b. book ABO (Cofficiene   1x  C. It i x Is i. Dom Charles Hunder   (0 x  11). Schi soph rinia / 2 m i klorg at 1x  11). a. & G Borghi Dom Chi & Borgine ( (woom not) )  Annoi ouring hly Prinja of reflection enoutive in 1x  b. Obrah blor / Colchicine   1x  C. Sophible begang fin bequeroon) but is  bright foo Go   1x  B. 1) o viveria of chi oak / 4 glw hlush dollan ong Corom Mobily  bright foo Go   1x  B. 1) o viveria of chi oak / 4 glw hlush dollan ong Corom Mobily  bright foo Go   1x  B. 1) o viveria of chi oak / 4 glw hlush dollan ong Corom Mobily  bright foo Go   1x  B. 1) o viveria of chi oak / 4 glw hlush dollan ong Corom Mobil  Bright ong Corom ( or ong Corom Mush ong Corom ong Corom Mush  along Corom on Corom of Corom ong Corom o	a of of y and of of of of of the bull of the contraction of the contra
b. books ABO Before Les 11 C. It i X Isi. Dromabellumulon 1 (0 X  11). Schizophrinia / 2 m & Lorg ay  11). a. & & Books of Doom Cook & Books on Consonant)  Itorici oning the Pring of Ognofom Enomic Lix  b. Obrait Abor / Colchicine IX  C. Souch be equipped be equipped by the Company of the books be equipped by the or of the books of the or of the of the or of the o	
b. books ABO Before Les 11  C. Iti × Isi. Dromabellunden 1 (0 ×  11). Schizophrinia / 2 m & Lorg of  11). a. & & Books of Drom Cook & Bonjull (4) como not)  Itorici ourig hologoring of Coffein snomive is 1x  b. Obraitabir / Colchicine IX  C. Souche begangtin bequeroon) but to  bening ive shi on voice year for begun a boy to bening ive show voice year for begun a boy to be to my of the form of the form of the form of the some of the finance of the ship of the	1) a Spoon (balo Comuce   vov or 3 (50000) Compa
b. books ABO Before Les 11  C. Iti × Isi. Dromabellunden 1 (0 ×  11). Schizophrinia / 2 m & Lorg of  11). a. & & Books of Drom Cook & Bonjull (4) como not)  Itorici ourig hologoring of Coffein snomive is 1x  b. Obraitabir / Colchicine IX  C. Souche begangtin bequeroon) but to  bening ive shi on voice year for begun a boy to bening ive show voice year for begun a boy to be to my of the form of the form of the form of the some of the finance of the ship of the	OG UDGUONDWONER OR DOOM UN IX
III). Schizophrinia / 2 m & Lorg 24  1N). a. & Bair of Door Book Benjuic (woombnest)  Homei Olunga May Brigging Ogn Cofferin Enomive in 1x  b. Obersit Ston / Colchicine  1 x  C. Dougho Gengain Legulorom) but is  brigging Son Sons / Uple Mustaled Con on Comment of the Stone of the Son Son More of the Son of	
III). Schizophrinia / 2 m & Storg 24  IV). a. & Bair of Discon Bib (Schizul (4) somb not)  Home i Olungia Ming Pringing Ogn Cofferin snoon iv vi 1 x  b. Obrish Schi / Colchicine  C. Shough be equippin be equipment be of the bearing in the establish of the observation of the company of the company of the properties of the originial of the observation of the company of the string of the observation of the observation of the company of the observation of the observati	b. 60016 ABO (3696 heres
III). Schizophrinia / 2 m & Storg 24  IV). a. & Bair of Discon Bib (Schizul (4) somb not)  Home i Olungia Ming Pringing Ogn Cofferin snoon iv vi 1 x  b. Obrish Schi / Colchicine  C. Shough be equippin be equipment be of the bearing in the establish of the observation of the company of the company of the properties of the originial of the observation of the company of the string of the observation of the observation of the company of the observation of the observati	C. Iti x I i. Droon Gistell un Wai 1 0:
B 1) . Usivnjajo Gsi sas/ yolw shujsalod Gun ong Cosom Moùy  blong Donguli Grigai  . Histriuni monsiva que jago   exo nuclous activity  . DNA - RNA boriy i My iyo Mi ong Gun whuso  Alon Buson Goom . Que jo som bun shujsalod Bun  ong Cosom i Que jo som bun shujsalod Bun  ong Cosomoù Unglud Obingi . 3 x  11) . yogi Ogno i Vongon Jubomonboni sodon Que  On Chiorsa ja ni unodis Gio  DNA / m RNA / wois won wood ym m bus i dombun  ong Cosomon Quoi on on of the plets .   Ju	
B 1) . Usivnjajo Gsi sas/ yolw shujsalod Gun ong Cosom Moùy  blong Donguli Grigai  . Histriuni monsiva que jago   exo nuclous activity  . DNA - RNA boriy i My iyo Mi ong Gun whuso  Alon Buson Goom . Que jo som bun shujsalod Bun  ong Cosom i Que jo som bun shujsalod Bun  ong Cosomoù Unglud Obingi . 3 x  11) . yogi Ogno i Vongon Jubomonboni sodon Que  On Chiorsa ja ni unodis Gio  DNA / m RNA / wois won wood ym m bus i dombun  ong Cosomon Quoi on on of the plets .   Ju	11). Schizophrinia/2m+brg2/ 1x
B 1) . Universaje Grisar / Uglw Blusted on Consum Mobily  Bing Donguli Grigari  . Histriuni monsive a flegisgoi   exo nuclowo activity  . DNA - RNA borie i voming of months on Mustaboloman  Month won i Groom . Quiform on Mustaboloman  My 29 a f Ogna i Vongour Jub omnerbouri sortin agrue  On Consorsa a fin unonto a sub omnerbouri sortin agrue  On A for RNA funciona word ym m blusted on Consumentation  My Consorsa of man word ym m blusted on Consumentation  My Consorsa of man of the consumentation of the consumentation  My Consorsa of man of the consumentation of the	W). a. & G Born poi Soon Ga G Bunjuice (40 om 6 nat)
B 1) . Universaje Grisar / Uglw Blusted on Consum Mobily  Bing Donguli Grigari  . Histriuni monsive a flegisgoi   exo nuclowo activity  . DNA - RNA borie i voming of months on Mustaboloman  Month won i Groom . Quiform on Mustaboloman  My 29 a f Ogna i Vongour Jub omnerbouri sortin agrue  On Consorsa a fin unonto a sub omnerbouri sortin agrue  On A for RNA funciona word ym m blusted on Consumentation  My Consorsa of man word ym m blusted on Consumentation  My Consorsa of man of the consumentation of the consumentation  My Consorsa of man of the consumentation of the	Fromo Gunga moly Grajaj Ogn Golson snomive in 1x
B 1) . Universaje Grisar / Uglw Blusted on Consum Mobily  Bing Donguli Grigari  . Histriuni monsive a flegisgoi   exo nuclowo activity  . DNA - RNA borie i voming of months on Mustaboloman  Month won i Groom . Quiform on Mustaboloman  My 29 a f Ogna i Vongour Jub omnerbouri sortin agrue  On Consorsa a fin unonto a sub omnerbouri sortin agrue  On A for RNA funciona word ym m blusted on Consumentation  My Consorsa of man word ym m blusted on Consumentation  My Consorsa of man of the consumentation of the consumentation  My Consorsa of man of the consumentation of the	b. Obnov Don / Colchicine
B 1) . Universaje Grisar / Uglw Blusted on Consum Mobily  Bing Donguli Grigari  . Histriuni monsive a flegisgoi   exo nuclowo activity  . DNA - RNA borie i voming of months on Mustaboloman  Month won i Groom . Quiform on Mustaboloman  My 29 a f Ogna i Vongour Jub omnerbouri sortin agrue  On Consorsa a fin unonto a sub omnerbouri sortin agrue  On A for RNA funciona word ym m blusted on Consumentation  My Consorsa of man word ym m blusted on Consumentation  My Consorsa of man of the consumentation of the consumentation  My Consorsa of man of the consumentation of the	C. Doucho wight biguloroom) 62 -
Bi) . Universaje Gerisars/ yaju rhunsalen Bura angi Grom Moùy brong Donguli Griggio  . His si uni ansi va pazza i exo nucleus activity  "DNA -RNA soviy i Umiya Mo ong Gun whuse Ambura i Grom « Qain ong bur whuse show Bura  angi Gramoù Moglula Obingii. 3 x  II). I gazi Gan Ei Voi Gunz Jub ampuboui soulon ague  On Cenioras a più u norte Gio  DNA / m RNA / vin is van washymin buy is Lorbun  ongi Gromin Quingon On nort + riplets. / It A	briggive shiow vois ung of bywor es
B 1) . voivnjajo Grin mars/ yalu rhungsalon Garingai  . Hristi uni morsi va alegizzai   exo nuclous activity  . DNA -RNA soviy i Umi yambi oung Gun muse  Ambusy i Grom @ Qailanny bun musesalon Bun  angi Gromin Woodlula Obingii. 3 x  11). • yani Gan Gi Voi Gunz Jub Commulbouri sombin Ganc  On winorza afri unonti Gio  DNA / m RNA / winisum word hymin bus is sombin  ongi Gromin Quingon On non / triplets. / Il A  111) anda vi yansun on on the Qub while in DNA	2003 Mid 66 66
bloomy Donglan Otragan  Jestinin monsive of grapa   exo nucleus activity  DNA -RNA Boring i Aming in Mussalom Bun may is about the salom on the salom on the salom on the salom on the salom of the salom on the salom of the salom of the salom of the salom on the salom of the salom on the salo	
bloomy Donglan Odnagai  Jestinnin monsiva alegizgai   exo nucleus activity  DNA -RNA Boring i Aming in Musical mong Bun malus is almos with the salmon on a company of the sample of the	B 1) . usivný gje Gán á as / yalw hugé dollan on to born moly
Jestinning of grazin exonucless activity  DNA-RNA soring i Umicysom on ong Bun offus s  Ambusy i Grom a lagisform bus shows and an angi Gromai en softwar Obings.  3 x  11). • yogi Gan Gi Von Gung Jub Commubouni som on	Dong Done di Gonggai
DNA-RNA soriy i Umiyambi onmoun musa Ambus i Grom i Qaidong on musahon on a ongi Gromai Doglado Obingii. 3 X 11). • 4094 Obanos of on wood of or one or one of or o	· Historiansoura grazza i leso nucleus activity
Ambusy i Grom i Qqistormon hlustatorden  ongi Gramin Usqlula Obrigir. 3 x  11). 4 29 2 Gan Gi VonGure Jub Comsuborin zordon Qque  Onn Chiores 2 2 in conside 6 6  ON A / m RNA / 20 is coms word hym on bug is Lombun  ongi Grom in Congrin Or noal to triplets. / Il A  111) gording vilgorswannoon still while in DNA	DNA-RNA BOVIY i My iy & mbi sony Gun whish
ongi Gromoù Modlud Obingio. 3 x  11), yogi Gan Gi Vong Gura Jubbonnoubouni zonlon Ogne  Onn Conorsa of i unod 6 6 6  ON A / m RNA / vois umo wordhym m blus a Londoun  ongi Gromon Ogno of triplets. / 2 x  111) godha vi yarsunanon suca un ivi DNA	Sombwar i Brom @ Qq i Joong bin whuy 5 alow Ben
II) and on the summer of the sum	mai Commin Woodwa Obingir. 3x
On winds of nonalises  On A man problem wordhym on bush Lordon  ong condin Congin on of triplets. I de A  III) god of vigors woman sica which DNA	1) . 1. 22 i Can Ci Von Cours 2. Domoubour 2001on Bu
ong & Brad   voisions word hymin bus & Dord  ong & Brown on Congris On road   triplets.   2 x  III) godbig vigorswannon sicquhivi Dra	Don Geniona a pi uno 66
III) gorbje vigorswannon tiguhivic DNA	DNA / DRAIA / Unicumon word from m hour & Dorthum
III) godbig vigorswamon signhivic DNA	on 15 Bordon (nonon Or read ) triplete 1 9 x
III) godbje virgorswannom stregwhivir DNA  Jom Li  Allan	The state of the s
Jom Lo 1X	III) amba vilansunamon sur authivi. Dova
Addas	1 X
	Allas

	W) Boom Gro gragora I, Com Gragora I 2x
	V) 1. சுழித்த விகேற்கு அழக்கில் அலக்கிலுள் அளகையே
	V) 1. Onfig odonewäarigw soverstyn gronnesser  b. Umnon ble
	«Variduo Diendan
·	· YAC / 620 · Oden jors Aln Biggio 3 x
	VI). Reverse transcriptase  DNA prhymerase. 2X
	DNA prhymerase. 2X
	DOLA Searon ( Logoror Dong go).
	viii) q. Bacillus thuringiensis 1x.
	VIII) (DWA garron) (Jagorov Dong gov. 1)  VIII) a. Bacillus thuringiensis 1 x.  b. Longon i y bojyis väarra Conunodsorsissi  Illipor wollis  (Drania Oms a Gol Olivion ylov). Gormon 2-m vädlungesis
0	Joseph World 2
	my formie ( villamon com mamos) 2 (4) 2 vosa i
	1) - (For pring Omn n (Bal) Olivion of his ) Garmon 2 m va frances to months of will super in mamors) of (will super in mamors) of (will super in the most of the contraction of the con
***************************************	11). Fáglið uneið Fraðingerað Bjórna Gursonom occagalyis Fágl Bybri U629 nas 1x
	III). q, giégen b. oul ricyorlisan Gran C. Jewon compraré 3.x
	(v) unsévalus vissarsons (x.
	V). Awon women 2 ovi soviy orongis usonownost an Gran / Penni usus sniggis sn Gran IX:
	VI). a. QE anovi v Galuloi 2 ovaloù vorôzanomúv i Gaj
	giglory bibioggiver Beniamoi
	emburg 606 i vogquue & marini 606 i anomivoi amarini. 1x
	5. Ichthyophis
	b. Ichthyophis  vII) 9. UV salin sontonnoù anous Umnos got son (Ousbonshi)  dropisi v Gari
	b & Come won Othy 1x
	b. Cashw uswarsson sne wagman Osod 24 son   such more
	b. Colu uni arsis on sui con mon Osos 24 son such on s

8

#### B. BLESON

5. a

- 1. Done won forgulor alm Grisia in som hymn DNA won Monty mongan
- 2. (669 nom of mison 2 Graco.

3. Conoronjong www

4. OBSKUMADON BONASM Ongalização von ist as sus ou se so

5. நிற டு எத்தங்களாடும்.

- 6. domeriganism ontwo ungafar Donomisa Dom & Honor hypes &
- 7. Domon onewingglis Con Ost of (otonogé sor yoggani Donomisouviges66.

8. April Aray grangomuni

- 9. Mon Cinganisonon Oponos 2 con Union Hong Long Long and Costs 10. Di Swinsaponi yoznimu in moni Gyninami Donomis ivis
- 11. Dom Onganism Con Nongons 20 ongs 66.
- 12. My Gigginam Boogi Conglis opgivoncyti.

13. Jones gragory whoi

14. Bù on नि किरामा शिक्षा अहा के के कार्य में में के कार्य के कि के कार्य के कि के कार्य के कि के कि के कि के

W. Ordan Ry Chaganonio Sumsonwayio.

16. Brionate Em Criga 66 Dussagnon gom Exprisoner काष्ट्रण प्रमुक्तिं कीकान्नासंबुद्धिं।

17. 600 Gr Fregorandon

- 18. 2 cm Maring drong Lyng Gason on wiving gri unissivotic.
- 19. Dhusis anorgige on Donoris avuction zon agnism (Smy Gorgon
- 20. 2 டன் பிறுக்கு அரைக்று வுடுக்களை எடிடுக்கிர் முனையுகளை Garsial Designi.
- 21 (ชื่อตับ มีมาลู้อาลุเกตา) หอดาพุของ รองสุดิท วิวา อินาธิ Chowagod go puod Lie Co (Romo mondo vou up Ei 2 3 4) Brookson BromivEb.

22. Ammorgang www

23. SnGiggison de Gon Goroving Borning font soron 2 GereGo.

4. Donivosois Borgam 65 5. Dompay & i Vory Cons b. 65' விங்வுக் வக்கையைத் சுறுறுவில்லம். 7. baying & synin densigory som is & Caprio & E dripredon Cons 9. Donnui onu Wayin Obrah Burnjaja 10. Odlas po ste si san in on 5 10. Mings stanson Bonny (Gion Isoyian Domanis) 11. Des ogw geg og j Banjagos 666 12. Longonyw offingos 6 Brain ( Chanony's officient ungle Donom 32 13. Googwa dom 2620666 14. (Da Douri un6) Do Lonces & Essel you Monivolo. BEBBCLOVER Visioni 15. nosio Cononu 1015 205 golwar certis lb. Gibbaquas & 2 amons à Gerbi & Djop 2 mequeres 17. Dan God majgeris Gorones or Cafel mucy is, orlige some word in . anway is 0360 Brogation mone owner orwand is 18 Danni wow non soistigo of Birsononi ounce from Obverso gamaaiu66. 19. Jesus ergg ergalt rounde 20. Inovaio vyiers congi 21. Brown fran strings soonwords DI. Ingnoon to you bymon a rough sononal snings stationing By Nambi son 66 2. Aleg vorgorge Bring grannindmi digoom am 3. Aungarus Engelusy – grangers 4. Dy sight sning Bynte egorgi grinias negwonny Desch 5 Dry Our of Gorna garsingmon 2 mindmon 66. 6. gravamanto Oung Gonga Golle Quivasannoi อีกุ่นเอ็บ เอกกุ่าการกา - เกิด 2 เราบันทูบินุ 7 An i Sving Biray De g promis in ogn Gors Dyamison.

1. क्रिलेकान्य वृज्य I Di 2. Blossio ornivois. (Sympses) 3. Dong Arono i Guraja man Briganism Bongura ogi Drovajasmi Grovajasi Grovajasmi Grovajas Grovaja dan Briganisma (DBon.) voi ovonomi ui sag orduni (Zipper) 26466 5. Dry Bani vongé Stavi orono UGG, 6. 2 con vonger grony Engay Bis sousis done ou 7 DNA Covis on mon BG VGA 2 on is 2 Bom Go Domomy 8. Dy Gmis Gi Whoning is donives is 9. Denni Bors Gansonsson 2622007 in Govi yoliv Uniyobono bigivsom 26mis 66. 10 dig orzágona I do 11. Bis onne Irono Ourge Congworge 2 con unos Fromy My of (Esison W Boing Of Genomons Branda) Donaj go sonny 12, any gradonari Erlin qu'yoù orangoronores Oran Eu Esqu'usió 13. Dy goinwaga ban Gi Ming suprose G G 14. Boon Os Drugo En Jem Boson sige of Obofin Genompronen Borrisa From Joseph Jones. 23+15=38 37 mG 6 6 mjuliege soloronou +2 b. a. 1. losy na grown Emluhi oslasta vinioni Goronis 66 2. Ognis sovis 689 map Gynuns 3. Asovarajaforar Wood gibugafogn res à l'élarial osonné de moncajo.

16

8. गुमु वृष्टीमां अभिनं वृष्ट्रिका 9. 259 மம் தென்றைவு தொட்டவுடன் விறைவைக் சுழைக்கள்ளில் கொள்கும் 10. Ogn Gors, grizzontin orafin i usanis orbi Panjuic grania danus on L'GG 11. Ingrøgiong Corrido groupouloi ofmos Erlu osonis D 一いからればいい 12. Mimosa pudica Dom 13. Information Ogn Goras & Dongovnon Don From y sin Cons gnoin in Gronnes on i 66. 14. Donna anisysondi anomi UG is you i your (pulvini) amiv66 W. Dogg voncing Owas a dinam and ordaym on a ornandi 16. 46 வான விக்க கிபுப்பு சுறக்கையால் சேற்படும். 17 By Ogn Gors Conombron Fronty oran EUE is 59my 37 x 4 = 148 37 922h 24/26 600 60 7 9. Loodgelin schung Osan O 2 pombi Banana ai uGi. 1. Boisy Os Gansarialis 2. Of Chros Of Ginanisti. 3. ราษัง ผู้ผลางการเย่ - พรษังจุ อิตุสาราโดกอสราทาง ผินที่อากาลแบรเย่ 4. 2+61: - ornivato flubi 2 omy ossagoy in 2 16 ig to i over bunging is 5. Day Donuwi son you obligion 6 b 290ईमामी अख्येष्ठे 7. Donnion unji, dy Gerry draosasse Dompunion 2m mon. 8. Dongi onuvir Long orisaning of bloom a none onni Amin znom i valing on. Donna 9. Britigation (Gastrin) OlGonon Ansolveto, Dz 10. (Gestingens) (Donoiono whi) 2 gos sny srojzanaj znamelo 11. Dany ion vi vnahymon Obnavy, 409 200 m - 5 sin som 12. Con Day & colonnoù Bonoldin Conomoron, Grada q'afon ( Industriant) 80222 anon Gio

தரம் - 13 (2021)

- 13. CCK Mágianuwovsád vaggang svonbung (vonge)

  4 sorgunulatersa) teluni 6 nenglumisonn sissag anom Gio

  Li. Obsidiligam songulutalersas Heas Orodbunggi znom Gio.

  b. CCK upi Obsidiligagi Dony Convuni suggas Herisorsuyo

  Lanssony songarry polony sonuvoi suggas Herisorsuyo

  Lanssony songarry polony songéso.
- b. 1. Byalor T, B Boar Brie Cyburison 2 corn Des 610

  In Our 6 Good Murab & son Danison on Pron 66.

2. Danjans Deninghi von AmolinGornshiwris of ornin al Gorian manjor Voglam ananjor voi.

3. Dan Bury Drai annial Coréa mem Don Gun Good of Murs al.
Booking in annial books in (Ohing of bywys) Donog & bringon.

4. T. B Bornsom Cague Laponto ung om 6 compliants

5. T- Bombies Gownney Comofordiv Ogzi sovies onna

1. Don our congramment of 36 your Volone octobor sologi

7 (otorbyis) B zomi om Good of abordones of Done wis on the Done wis understyring un Um Olin & Olimplelluris allone Done is soil Donomeric.

8. T. B Alon of is Coflumism Obwonsale Hone is got of Bowin Mys & UiGi Ough of monor of som soron 26 mis & bow Mys & Over of Owes sois of formand of som soron 26 mis & b

9. Hornjon de BunjuGG soundsones congé.

LO. Shorm 6 mall onov Bu orn 66

11. Dome 2 en gurs i Ungolin Golong Murides ors 6 bafores i Down bis/ Ganon burroy Whi i De of 6.

12. J Momnt ha Ochwie Obunju Gib Monvuli & Grycie -

13. June - 2 gorbi Graw 7 Bonneris Golivis,

14. Bor mos 40 Gode Todom his ofwonorg 409 mosorone vwort v God Ognings amound songlying on Pronund desoron Jufo 60.

15. Real Tolomolis Oglwenord Bor Boggs Golw T Domnais Explumisonona Danifinive a znometo. B- Dom mis Eylwissoning is Ografing of 16. 20 32 on Zmorn Gio 17. Ografin 6/ orlorongos Orla B. som Fri By of Ubon now con John don 18. From phenon Myohn Good on mish Gorsangeron 2 myza Bringis. 19. Don's God, Kommentor omment i UGG. 20 Dois 6 Strigglown GG Wing Own Goong Winin 2 cost fajmon Básti vannag pisorony is Posse sid sorony is Resonwurisas Deworfs si Obinyio. 21. 1, B Bornismi Unfogn Bosos Bury vGb son from Ondo 66 / orno org of the of gis / aborony Omnoning is some sin 22. Don Kom smaris 2 win 2n Co is 23. oniponodi Pomonw Dig Caplu Umount Tong Muridone Bong God otglin ban mouse burg des mong Sto otal glin, 2 Dong tours Helpe 16/ Janour mon mening orging orging Ed 200 16+23 - 39 38x4 = 168 37 oz she solonovi 1. Duy & an Gene ingéarle Ang Crigques in Lori & non (Burning) 40 g mass in Donomi 4 mg nood. 2. Drig DNA - 409 & Disomond & Conving on 3. Dusa ad Puncin My Diga wom acon och our Odivivivi (5 ) ou 19 21 on was siving Esta is 4. moris ou insome Ohngobigi monge 6. Comey window - DNA Drione smusige Attom / Donne or Co Histore Covis and some sign so Obninogio.

6. Donor Duyedon Bun Gan is son 7. के दिवुं वुक्ता किर्मा किर्मा किर्मा किर्मा हिणार्का विवार कि S. Dis Dugis Solbun Brision OgnGin DNA (Linker DNH) In Donompanivilages 36. 9. Don under loi ingler stugistarten Brisani Omponivi Gono minfori min Bonoomo Bannyshici. 11. Vongrag biligator quie Broin - Our on contontan 03/2 in 66. 12. Dy 40 g Brone (Scaffeld) Zings & Donomisai 1 CUBA66 13. Brongsmay OL signi que Obnom - OLnonwoon son Si Bonon is 2 M. ogivone 53 Boogis Obigurãoni ve 6 15. Donepay & My o'6 ou Alm Englispinonorg & minghos & is 1.6. 2 con My so Drong My of Ban orans Obnomic 17. 2mg disiglory d'Enlis man Crigginia orires à agrico . 18, Dy ogsambor Doughvan bagovers DESG6. Box Tho non y 2 coyées Oren Buyin DNA ori Omings Danming wiGmy Compronent Uwir vajz doingon. 1. bringio 2. Agos oromon Borowsi alkeigs Este DNA vogson 3. Lon à Consig pros / Monnon ali sin os (53) seprid Inglian Brisai VEStings. 4. Box Owood do offormers & sydattes of somesin DAA 2 2 in Om 6266 presonworw Dergovone unes Obnoonly. 5. Dy orbonoriganin Componors b. Oms Os sigzons 7. Olising symides sormesonor visitable of Consolson Ogningte oponou diquium uned Obnoon com 8 . ole i 48 6 Mw vois vangword mon o 42 6 Men Blance Long Donomiarive G 402 Capsid Dyon our Obil wil GU.

9. Dy bunjajorg she ortononajamonnonaj 10. Ugisuong worked jurisal Geni. 11. Die Gennywhi Owner General ung 26 omanisannoi assiyò 6 du DNA Zonguli 166 12. benjøje Briviu Prongu sorgefogmi Di gombiorsson Zwir Projg in de Liusi. (Dyn) 6 hene gun unnvæggiver) 13. Agrobacterium logglwongjo ovalogio Unio vom mars Dennino 14. anosom som Amierta Gang go 15. Ognýmu Dejabi osponovsovaj Ganýmstos Go 16. Dry goods miving Bosnie 1) Dan Gray Ti Monnow de going of Conniction & worming viges of 18 Some Brisin a Coronalos Gio Duriye on Ogranym uz 19. 2 set unen vois vongwor Bronon 20 Amis Omnis Morovanis Gonomes pion. 18+202 38 37×4 2 148 3) mi Good otombi 8 9. 1. On Dunjors & Byon Omn Oglubi Zonya Inidalam Ambagonlumos enomica encon 2. 2 ornjå snidalsni Bon Gunony Donomporives 2 my pora 2 Emisari vició 3, Byn Amnos Ownon you 4. Bon Byn Olnoofy Donomsaivi Loncing Ognos 2 som ja dniernsugenon tæret Dyvy OG forså Grub) Fre By U UGA q UUG ELAMON 6. Obstante Bursonom wingalyis - store japon Godice 7 on i voranjo

8. orngigny 90%. sig Digisi UEG. 9. Den Cune Bilana Ourtonoris 2 maris / siglium Hory 10%, drai (sony son) basogi LO. Ginying our und glareing 10% to 28 2800 Ohm 50 66. 11. Damnoi Zomyó snistallulai Bursonom locción Bordin otonifordiss 6CGUGAqUGG. 12. By 2 om a smidblus Bursonom we in son wit otonjom horando 4-5 6 i - Warre & Em Jone wis Am ing and moch of B. Ongolin 2 any & Inidal Womand from ( 2 som for the proone of morning. ly. (2 galu 2 mgé trisolalulai 2 unisia Bursonom le thom oreging tofonus comon on 1). ounge mong Dycysosis Zom Gu Loisnys 2). Zomji Owam Jugson, Ogbunjanismes 66 Gordon Dunjars à Bryoi sommi vum Gjestingnon. 3). enstranció, mon conori vomos assores unajvajque ostring. 4). 2 emi voi as orsono & is Owan's si v Bolon of ung sav v Golon yey 5) son Legling from Lorson Deging 6) Owers Og Essam / Dalson From Jones gays ons sufrassin gom nei USobonyon. 7) An mounisoron mbiggor to this - Contain Dyroi aroundy Si) Wormmany 9/26342 20 60 2999 mining sa signon Byo ne 10, 2 monto 6 6 g qui olingeal cos a president 1 Ownor Obroming / Salacia reticularia 11) Drovione / Homorrow / Odmpum Con 44/ Bons-

12. Byon lentasari. 13. born, no, son Is Dwaring of no Gran in vanniga mamors Briggon 60. 14. alastriu Donnomiam vangalen acest Wamnous 15. Min monovsordi sin Consonom unsaro le lumi un avorsone / og oranu men snip 2 who mai ans & @ 3 mani y 17. O de megalice à Osivors Wai somorà de mont uno conon de yambi non lason was ansomfond son you. 18. Bon Uni was alsom to to so monto unge 802, NO 2 July cony o Go mome 19 by warmen De 664 Boon, mingroom Grism und hav vonging or ansomer to 20. Atimbro Itado Buy Donnierry/ gross - sound 5 5mg Im Coni 21. Original and On Go Us Grayes daring in dolum orasuron Yoululung begggg & Hi un amongres 08666 21. From History Bonnisone 2 universones omes & Det Himpogenonon / Dungorsunon Donnisons & orapnonon/ Don graphy ofin ve onio. 23. Lites: Brugomond / dominyor 24. Drymin Doniow Grais, oponon Donisons in Pentig MGB 290 Dephone 6. 28. Brown Monor Congen Coon 26. ONSUMBON Diglandigai Genoing Mom - and Legium and Zumi usi ovorsones Detangajoyis Emandonyon. 27. In ovoci is Ewiga / Consiglu On on out sugar Ital sold go 28. vulme å Conormom brøfwonegga/ anovinare à Golu Donatega à Burjun Bom conju con qui 14+28 -42 37 of 6 Blood Albrian w +2

10 a Gonnanor OgnGi Vongwi Whive of make I nome 1. Young am 6 orlandon 2 coroi V66 Gon Gi Songe osors. 2. Vai Goving govinson 3. Brinson 4 soviyminon gravio Ital warmings Obnom - y. Grang ( เบ้ากั \_ เลกกับ yog ณ ลดาคาร์ ปรอฐโลก b. Augmni Lis anis - Hepanin, Histamine zu i 402; goi. 7. Ou En of on sov men . Dis alwangsonon is for Expus Oswow Cons depligar 8. ปลา เร่างออกราลา - ปลาเราง เรื่องเลือง ปลาการาง 9. Obrom (och whitim - Panison bolleria) ungbrid 66. to Opnomozon, Consid, Angerond mini An - Lomosh 11. Aporton Sig / 2 en Gazzais Ognym. 12. Bang Dony windsorm Book of Obonnoon of Donora 13. vregsnig / on ivásnoson b. unbessiole.
1. boods Goi Cosonwon merentie 2. Unliverie singliso Gon onragio, os granjo 3, Buffioi Vilo Comospi 4. Audorsi Nuron Gyvása Commony y Lan Osof sovon son on Sposomon Oznoslubnnajo / klm/w oznobi oznoslubnnajo 5. Ulnyand Common ay con moby minisonnagio og 16500 veg 6500. Ognif bir smi 6. 2 in oriumbrowonus Forson 7. Brodumon 8 graio 9 2 mps mi esufliger unin 10. 2 moissib shipling sit is isomon sitinto 11. gonomnich società ognofumon sittinto 12. otgligger - qualine grom in Grong ognesol angiga.

13. ปิทุ่งล้อง อง ค์ สเจ่น์ ปี ซีดิบกตุ้งอากา 2 ทุ่งรุ่ง 6วณ์ ชุ่ / Corors obunju oi 14. Com usa supprisi Nevar . Barry ville (marti y/ hollsouthing ObGarmin Gris) W. modwa Bejogsoffer 25duni 3 C bookgaloù Dalhies Chonomina porrov Chonquy Morro.
1. workgaloù Dalhies Duriya on galling Ong Duriyan is 2. Dorhies mly Crisqqolymin Und vongu oversonn i pricondian Galongon, 3. Some Dovin's Bonomin's Dray Bonon or orliver za boingon A. X Mm Graga Parto 5 y Mm Ciógogogogogos b. X - Dononi y t vois vom wor Esson Bromes mbyo o Oumesmbyo gmor Congum gå Gryv is regeren. 7. 2 tis : Derry viors nomå 666 8. Derry - viors nomå soron Gry Smy's & snoon v ghi Spanov sin von 300 | Inom owing Desulyi ornivor 9. eg: A Bon Dorling. 10. 66 glyong graps & translaworm Bony Bronivic 40 grism Dirong Ei ug noi grillo 11. Dis Gonming 2 on is suis sound on Cong Obglyomjavi greogi 12 Don Bom Gi X mm Gijgighi Mogor/m\_ Ommorma 66. 13+15+12 - 40 3) ×4 = 148 3) 1/3 (con short) - 150 50. ymmlam. 16% I V64 I A 4x 600 = 400 42100 = 600 ym mem 50 Drofligmin 150



Biology

C.Maths

ூலங்கையின் உயர்தர கணித விஞ்ஞான

பிரிவிற்கான இணையதளம்

## SCIENCE EAGLE www.scienceeagle.com

✓ t.m e / Science Eagle ▶ YouTube / Science Eagle f 💆 🔘 /S cience Eagle S L







