

TERM 1

BIOLOGY P1 231/1-FORM 3

MARKING SCHEME

1(a) Cell wall, chloroplast, large vacuole

(b) Ribosomes

2(a)(i) Loses water by osmosis and become plasmolysed

(ii) Gain water by osmosis and become turgid

(b)(i) Loses water by osmosis and become crenated

(ii) Gain water by osmosis and becomes haemolysed

3(i) Sweep nets

(ii) Pooter

4(a) Indica ____ species

Mangifera _ Genus

(b) Binomial Nomenclature/

	<u>Cell</u>	<u>Modification</u>
5(i)	Root hair cell ____	Have elongated surfaces to increase the surface area for diffusion
(ii)	Palisade cell ____	Have numerous chloroplast with chlorophyll for trapping light energy. (Any other specialized plant cell)
6(a)	Resolution/resolving power	
(b)(i)	Diaphragm ____	regulates the amount of light passing through the condenser.
(ii)	Condenser ____	Concentrates light on the object on the stage
7(a)	Light reaction ____	Granum/Grana
	Dark reaction ____	Stroma
(b)	The light stage is light dependent. It takes place in the grana of the chloroplast. Light trapped is used to split water molecules into hydrogen	

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Chandresh Agrawal, Nandini Books



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jul 18 2022 solve the following linear programming problems using the simplex method 1 begin array ll text maximize $z = x_1 + 2x_2 + 3x_3$ subject to $x_1 + x_2 + x_3 \leq 12$ $2x_1 + 3x_2 + x_3 \leq 18$

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formulate the appropriate linear programming problem solution a unknowns define x number of type a sheds produced each day y number of type b sheds produced each day chapter 5 linear programming exercise 5a 1 ann and margaret run a small business in which they work together making blouses and skirts

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linear programming exercises v kostoglou 17 problem 9 an investor has the available profitable investment activities a and b for each year of the next five ones every dollar invested at the beginning of the one year in activity a becomes 1 40 two years later every dollar invested in the activity b for each year becomes 1 70 three years

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linear programming uses linear algebraic relationships to represent a firm's decisions given a business objective and resource constraints steps in application 1 identify problem as solvable by linear programming 2 formulate a mathematical model of the unstructured problem 3 solve the model 4 implementation introduction

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web oct 16 2022 3 menit ditinjau oleh dr fadhli rizal makarim 16 oktober 2022 ikan kembung memiliki banyak nutrisi di dalamnya ada berbagai manfaat ikan kembung untuk kesehatan seperti menjaga kesehatan jantung hingga mencegah anemia halodoc jakarta ikan salmon menjadi salah satu jenis ikan yang memiliki banyak kandungan vitamin

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web jun 23 2019 1 mengendalikan kadar gula darah selain asam lemak omega 3 ikan kembung juga mengandung varian asam lemak tak jenuh lainnya yakni asam lemak omega 6 adanya zat ini lantas menghasilkan manfaat ikan kembung yang terkait dengan fungsi omega 6 salah satu yang paling utama yakni mengendalikan kadar gula darah di

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web aug 9 2015 berdasarkan tabel 5 hubungan panjang tubuh dengan volume makanan total 2 bulan jantan dan betina ikan

kembung lelaki rastrelliger kanagurta menunjukkan persamaan total yaitu $3.72 \times 10^6 \times 9.97 \times 10^6$

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web dec 21 2021 ikan kembung terkenal kaya gizi bahkan biasa disamakan dengan ikan salmon kandungan gizinya berupa omega 3 vitamin b12 vitamin b2 vitamin d dan vitamin b6 yang baik untuk tubuh harganya cenderung murah dibanding salmon dan mudah didapat ikan kembung kerap jadi menu sehari-hari apalagi cara memasak ikan

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web kembung adalah nama sekelompok ikan laut yang tergolong ke dalam genus rastrelliger famili scombridae meskipun bertubuh kecil ikan ini masih sekerabat dengan tenggiri tongkol tuna madidihang dan makerel di sumatera barat dikenal sebagai ikan gambolo gambolo

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web berdasarkan penelitian dapat disimpulkan bahwa ikan kembung lelaki rastrelliger kanagurta yang didaratkan di pengepulan ikan daerah rembang merupakan ikan omnivora yang memanfaatkan fitoplankton zooplankton sebagai sumber makanan kata kunci ikan kembung lelaki rastrelliger kanagurta hubungan panjang berat segi makanan

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web mar 31 2021 pertama ikan kembung kaya akan protein yang punya manfaat untuk mempercepat metabolisme tubuh semakin cepat metabolisme tubuh maka semakin banyak kalori akan dibakar nah efeknya berat badan akan turut menurun kedua alasan lain kenapa protein penting untuk diet yakni karena protein memberikan energi bagi tubuh

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web jan 14 2020 ikan kembung atau seringkali disebut indian mackerel rastrelliger kanagurta ikan kembung laki laki dan rastrelliger brachysoma ikan kembung perempuan termasuk ikan pelagis kecil yang memiliki nilai ekonomis menengah sehingga terhitung sebagai komoditas yang cukup penting bagi perikanan tangkap

lezat dan bergizi ini manfaat ikan kembung bagi kesehatan - Feb 14 2023

web nov 9 2022 halodoc jakarta mengonsumsi ikan menjadi kebiasaan sehat yang bisa dilakukan untuk memenuhi kebutuhan nutrisi dan gizi ada banyak jenis ikan yang bisa nikmati salah satunya ikan kembung ikan jenis ini sering dibandingkan dengan ikan tuna karena kandungan nutrisinya yang cukup lengkap

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web kebiasaan makan ikan kembung 5.1 ikan kembung perempuan 5.1.7 kebiasaan makan kebiasaan makanan adalah jenis kuantitas dan kualitas makanan yang dimakan oleh ikan untuk mengetahui karakteristik ikan kembung ditinjau dari aspek biologi perikanan yaitu rasio panjang dengan berat dan kebiasaan makan ikan

11 fakta ikan kembung tinggi kandungan omega 3 dailysia - Nov 11 2022

web dari segi bentuk ikan kembung memiliki bentuk badan lonjong dan pipih genus antara ikan kembung jantan dan betina adalah sama hanya saja ikan jantan memiliki satu bintik hitam yang terdapat di dekat sirip dada dari segi ukuran ikan jantan memiliki ukuran tubuh sekitar 18 4 cm 30 cm dengan tapis insang yang lebih besar

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web ikan kembung *rastrelliger brachysoma* termasuk ikan pelagis kecil yang memiliki nilai ekonomis menengah sehingga terhitung sebagai komoditas yang cukup penting bagi nelayan lokal ikan kembung biasanya dijual segar atau diproses menjadi ikan

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web ikan kembung kecap foto instagram rasamamanda bahan bahan 4 ekor ikan kembung bersihkan dan cuci dengan jeruk nipis agar tidak amis 1 buah bawang bombay iris tipis 5 siung bawang merah iris tipis 3 siung bawang putih cincang 5 buah cabai keriting merah iris 2 buah cabai rawit merah iris

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web dec 9 2022 ikan kembung adalah salah satu makanan penambah darah ikan kembung bermanfaat untuk ibu hamil karena dapat mencegah anemia yang terjadi karena kekurangan nutrisi seperti zat besi vitamin b12 dan juga folat nhs menyebutkan ibu hamil disarankan mengonsumsi makanan seperti ikan kerang atau daging untuk membantu

preferensi makanan ikan kembung lelaki *rastrelliger kanagurta* - May 17 2023

web hasil pengamatan menunjukkan bahwa ikan kembung lelaki memanfaatkan fito plankton zooplankton ikan udang dan crustace sebagai makanannya komposisi makanan fitoplankton kelas bacillariophyceae mendominasi isi lambung ikan kembung lelaki selama waktu pengamatan

daftar nutrisi ikan kembung dan manfaatnya untuk kecerdasan - Mar 15 2023

web mar 20 2023 dibaca normal 1 menit berikut ini daftar nutrisi yang terdapat pada ikan kembung dan manfaat mengonsumsinya untuk kecerdasan otak tirto id ikan kembung merupakan bagian dari ikan laut yang tergolong dalam genus *rastrelliger* ikan kembung cenderung memiliki tubuh yang ramping dan memanjang