#### Grade 12 Mathematical Literacy: Question Paper 1

# MIARKS: 150

TIME: 3 hours

### **QUESTION 1**

1.1 On a given day, the bank advertises the Rand: Euro exchange rate as 1:0.0868.

How many Euros can you buy with R 5 000,00 on this day?

(3)

- 1.2 A house plan is drawn using a 1:75 scale
  - The front door is 2.4 cm tall on the plan. How tall is the door in reality? 1.2.1 (3): 1.2.2 The plot of land on which the house is being built is 14 m wide. What is
    - the corresponding length on the plan? (3)
- 1.3 The conversion table below is used to convert between the shoe sizes of different systems. Refer to this table to answer the questions that follow.

System Europe		Sizes												
		35	35%	36	37	38756	38	3876	39	40	341	42	43	44
Japan	M	21,5	22	22.5	23	23.5	294	24.5	25	25.5	26	26,5	27.5	28.5
	W.	21	21.5	-22	22.5	23	23.5	24	24.5	215	25,5	26	27	28
U.K.	M	3.	306	- 4	456	5	504	- 6	606	7	776	. 8	806	10
	W-	2%	3	204	4	406	- 5	5%	. 6	676	7	776		906
Inches		- 9	90%	904	900	904	9%	966	90%	10	110114	10004	140%	10%
Centimeters		22,8	23.1	23.5	23.8	24,1	24.5	24,8	25.1	25,4	25.7	26	26,7	27,3

- 1.3.1What is the European equivalent of a UK (W) size 5 shoe? (2)
- 1.3.2What shoe size would a Japanese man with a size 24 foot ask for in the
- The standard inch: cm conversion rate is 1: 2,54 cm. According to the 1.3.3 table 9% inches = 23,8 cm. Is this correct? Show your working (3)
- The box and whisker plot below represents the batting averages of the 160 1.4 cricketers who have batted in T20 matches since 1 January 2009. Answer the questions that are based on the plot.



- 1.4.1 What is the name given to the two data points with value 57 and 57,33? (2)(2).
- 1.4.2 How many players have a batting average that is less than 6,25?
- 1.4.3 What must a batsman's batting average be for him to be in the top quartile?
- 1.4.4 Jaques Kallis is the South African with the highest batting average. If his average is 48,4, how does he compare with the other batsmen?

(2).[24]

(2)

(2)

# **Mathematical Literacy Question Papers**

**M** Tight

**Mathematical Literacy Question Papers:** 

Mathematical Literacy Question Papers: Bestsellers in 2023 The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous captivating novels captivating the hearts of readers worldwide. Lets delve into the realm of popular books, exploring the fascinating narratives that have captivated audiences this year. The Must-Read: Colleen Hoovers "It Ends with Us" This heartfelt tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover masterfully weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can succeed. Mathematical Literacy Question Papers: Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This captivating historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids absorbing storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Discover the Magic: Delia Owens "Where the Crawdads Sing" This mesmerizing coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens crafts a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These top-selling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of captivating stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a exceptional and suspenseful novel that will keep you speculating until the very end. The novel is a cautionary tale about the dangers of obsession and the power of evil.

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web oct 31 2023 meristem crop performance group llc and hefty seed company have announced a strategic alliance and supply agreement focused on increasing the impact of beneficial biologicals on crop production and return on investment roi for american farmers hefty seed company s stellar reputation for bringing the best in crop inputs

# life cycle of a plant science nature national geographic kids - Apr 28 2023

web filament supports the anther pistil the female part of the plant sometimes called the carpel stigma collects pollen grains style allows pollen to pass to the ovary ovary produces seeds inside tiny ovules sepal found outside the petals the sepal protects the flower when it s unopened

# what is the life cycle of a plant bbc bitesize - May 30 2023

web what is the life cycle of a plant many plants grow out of seeds and bulbs seeds grow roots and shoots roots and shoots then grow leaves above ground many plants make flowers which turn into

# among the grain crops of northern nsw there s a boom of - May 06 2021

web oct 27 2023 tamworth mum shona robilliard started with a few seeds in her veggie patch but in search of a better work life balance she s ditched the vegetables and is now a fully fledged cut flower farmer

# tencent announces creation of digital seed bank at 11th we - Sep 09 2021

web nov 1 2023 tencent announces creation of digital seed bank at 11th we summit 2023 11 01 the 11th annual tencent we summit theme the seed held on october 28 at the beijing exhibition center pays tribute to leading edge scientific explorers throughout history who have planted seeds of humanity s growth participants learned seed form function dispersal germination britannica - Sep 02 2023

web sep 28 2023 seed the characteristic reproductive body of both angiosperms and gymnosperms essentially a seed consists of a miniature undeveloped plant the embryo which alone or in the company of stored food is surrounded by a protective coat learn more about seed characteristics dispersal and germination

plants free full text seed longevity mdash the evolution of - Aug 21 2022

web jan 19 2023 seed longevity the evolution of knowledge and a conceptual framework by jayanthi nadarajan 1 christina walters 2 hugh w pritchard 3 4 daniel ballesteros 5 and louise colville 3 1 the new zealand institute for plant and food

research limited food industry science centre palmerston north 4410 new zealand 2

### plant life cycle for kids smartclass4kids - Jun 18 2022

web seed dispersal 1 seed the plant life cycle starts with a seed from the outside seeds are protected by a tough layer called outer coat but inside every seed there is a tiny baby plant known as an embryo the embryo has a root shoot as well as the first true leaves seeds wait to germinate until three needs are met water correct

there s a perfectly logical reason why seed deals are costly now - Dec 01 2020

web oct 26 2023 the seed market is a bit weird right now on one hand pitchbook reports that at a total of 3 2 billion in the third quarter pre seed and seed deals in the u s have fallen to pre pandemic

not all halloween treats come in wrappers some come in a - Jul 08 2021

web oct 25 2023 1 preheat the oven to 350 f 2 scoop out all of the guts and seeds from your pumpkin rinse away the slimy fibrous goop that coats the seeds remove as much of the glop as possible then put the seeds in a colander and run under water picking out and rinsing the individual seeds

### it s not crazy to say detroit lions could be no 1 seed in nfc - Jul 28 2020

web 1 day ago here s why the lions have a chance to be the no 1 seed they have by far the easiest remaining schedule of the five contenders i don t think the lions are the best team in the nfc but

seed life chart how long will seeds last gardening channel - May 18 2022

web don't throw them out just yet depending on the type of seed and its quality you may be able to store them and use them next year or the year after in fact some seeds if properly stored can be viable even after ten years some varieties of tomato seeds have even been known to germinate after as long as 16 years

### pegula upsets top seed sabalenka at wta finals - Apr 24 2020

web nov 1 2023 mandatory credit susan mullane usa today sports reuters jessica pegula upset world number one aryna sabalenka 6 4 6 3 to win her second group stage match at the wta finals in cancun on tuesday

### seed storage and longevity mechanism types and management - Mar 16 2022

web feb 27 2021 seed longevity download chapter pdf 21 1 introduction maintenance of seed quality during storage is important for further propagation of food plants as seed is the first step in the food chain and the ultimate symbol of food security vanangamudi et al 2017

### a day in the life of a seed movements and fates of seeds - Sep 21 2022

web a day in the life of a seed movements and fates of seeds and their implications for natural and managed systems annual review of ecology and systematics vol 25 263 292 volume publication date november 1994 doi org 10 1146 annurev es 25 110194 001403

### the life cycle of a tree ecotree - Dec 13 2021

web feb 8 2022 mature tree ready to reproduce when a tree reaches maturity and can be considered fully grown it is able to produce its very own fruit flowers or nuts that means it can reproduce and its seeds disperse for the life cycle to begin all over again

rbcx hires former svb canada employees to bolster support for seed - Jan 02 2021

web 2 days ago the royal bank of canada s technology and innovation arm rbcx has brought on four former silicon valley bank svb canada employees becoming the latest in a growing list of canadian banks to snap up employees from the failed tech financier rbcx has hired filip stoj former vice president vp of early stage startups at svb canada to how do plants grow from a seed ks2 the regenerators - Jun 30 2023

web find out about the life cycle of a plant from germination to pollination to seed dispersal with this ks2 lesson from bbc bitesize the regenerators

# 1 14 the development of seeds biology libretexts - Nov 23 2022

web oct 13 2021 both the evolution of seeds and the development of any individual seed involve modifications of both the male and the female gametophyte modifications in the structures that produce them and modifications of the timing and location of important developmental processes figure 4 a comparison of life cycles in seed plants and non seed of life on steam - Aug 09 2021

web seed of life is an old school action adventure game set in a world of fantasy and magic when an army of machines suddenly threatens the natural order the seed of life blooms and its power is unleashed you play as hope a spirit of the seed in the shape of a grey wolf on your quest to restore balance to nature you will be accompanied by an

# rule change gives top seed in ncaa women s tourney most rest - Aug 28 2020

web oct 27 2023 the division i women s basketball committee voted unanimously friday to place the tournament s top seed in a regional pod with game days on friday and sunday ensuring the most rest possible

### seed of life on steam - Jun 06 2021

web seed of life is a relaxing puzzle game in which you create beautiful and enlightening spirographic patterns adjust the size and speed of each of the spinning rods to recreate wonderfully unique patterns to satisfying and beautiful interactive audiovisual feedback features hundreds of pre built puzzles

### pdf a day in the life of a seed movements and fates of seeds - Oct 23 2022

web nov 1 1994 jeanne c chambers us forest service rocky mountain research station james a macmahon abstract we develop a model that outlines the movements and fates of seeds after they leave the parent