

Class - X Session 2022-23
Subject - Mathematics (Basic)
Sample Question Paper

Time Allowed: 3 Hours

Maximum Marks: 80

General Instructions:

1. This Question Paper has 5 Sections A, B, C, D, and E.
2. Section A has 20 Multiple Choice Questions (MCQs) carrying 1 mark each.
3. Section B has 5 Short Answer-I (SA-I) type questions carrying 2 marks each.
4. Section C has 6 Short Answer-II (SA-II) type questions carrying 3 marks each.
5. Section D has 4 Long Answer (LA) type questions carrying 5 marks each.
6. Section E has 3 Case Based integrated units of assessment (4 marks each) with sub-parts of the values of 1, 1 and 2 marks each respectively.
7. All Questions are compulsory. However, an internal choice in 2 Qs of 2 marks, 2 Qs of 3 marks and 2 Questions of 5 marks has been provided. An internal choice has been provided in the 2 marks questions of Section E.
8. Draw neat figures wherever required. Take $\pi = 22/7$ wherever required if not stated.

	Section A	
	Section A consists of 20 questions of 1 mark each.	
SN		Ma rks
1	If two positive integers p and q can be expressed as $p = ab^2$ and $q = a^3b$; a, b being prime numbers, then LCM (p, q) is (a) ab (b) a^2b^2 (c) a^3b^2 (d) a^3b^3	1
2	What is the greatest possible speed at which a man can walk 52 km and 91 km in an exact number of hours? (a) 17 km/hours (b) 7 km/hours (c) 13 km/hours (d) 26 km/hours	1
3	If one zero of the quadratic polynomial $x^2 + 3x + k$ is 2, then the value of k is (a) 10 (b) -10 (c) 5 (d) -5	1
4	Graphically, the pair of equations given by $6x - 3y + 10 = 0$ $2x - y + 9 = 0$ represents two lines which are (a) intersecting at exactly one point. (b) parallel. (c) coincident. (d) intersecting at exactly two points.	1

Sample Paper Of Class Sasst

J Dewey



Sample Paper Of Class Sasst:

Smart and Sassy Joyce West Stevens, 2002-02-28 Empirically based the daily experience of adolescent black females is explicated within an explanatory model of social context and developmental theory The author argues that adolescence must be seen from strengths and health perspectives Self relatedness or intersubjectivity expressed in assertion empathy and recognition is the core matrix of development where social contextual responses can be adaptive or maladaptive **The Sassy Saints Series Books 1-3** Amra Pajalic, 2023-12-01 The first three books in the Sassy Saints Series plus two bonus stories From award winning young adult author Amra Pajalic comes an own voices found family coming of age YA series for fans of Melina Marchetta and John Green 1 Sabiha s Dilemma Sabiha and her mother Bahra are more than mother and daughter they re best friends But when their extended family comes to Australia Bahra becomes a Born Again Muslim to impress them and expects Sabiha to step in line as the perfect daughter Can Sabiha play the part of the good daughter so that her mentally ill mother is accepted back into the Bosnian community Massacre short story Read Jesse s published short story 2 Alma s Loyalty Alma s perfect family is fractured when her father finds out he has a long lost daughter from his first marriage When his overtures are rebuffed it s up to Alma to bring her new found sister Sabiha into the family fold Reckoning short story Alex faces a reckoning 3 Jesse s Triumph After Jesse s debut novel is published while he s a high school student he s thrust into the spotlight Can Jesse steer his way through his new found triumph be with his dream girl and ride the high school popularity wave without losing sight of who he truly is Sabiha s Dilemma is a raw and honest story about duty and the desire to run free A strong voice in Australian fiction Melina Marchetta Pajali bravely deals with some serious adolescent issues Kirkus Review Precious Intriguing and Mood Boosting Reader review **FOUNDationYOU™ How to FIND your Super Awesome Sassy Self!** Melissa Young-Dorn, PhD candidate, 2014-11-05 How to FIND your Super Awesome Sassy Self is loaded with cutting edge tools and strategies to build a strong foundation that gets you out of your comfort zone and into your visions and dreams Tackle the overwhelming pressures of being a woman in this fast paced modern world of today by being the best sassy you ever **Pranks, Payback & Poison** Mary Seifert, 2024-08-23 Several mysteries occupy Katie s mind all at once Her newly discovered half sister hasn t yet endeared herself in the Wilk household Even though her dad is somewhat accepting of the idea that the wife who abandoned him began a new family Katie can t get past the fact that her mother never once reached out to her since she was a toddler But Ellen has discovered clues that their mom might still be alive somewhere and she is determined to follow the trail dragging Katie along Meanwhile Ida Clemashevski their landlady is exhibiting some strange moods and memory swings and Katie is worried what that s all about What she discovers turns out to be deadly in more ways than one Now the trick is to catch an old enemy before payback can be exacted once and for all Praise for the Katie and Maverick Cozy Mysteries 2024 Winner in the International Impact Book Awards an intricate mystery with plenty of action and suspense Plus I like the dog David Housewright Edgar Award winning author of Something Wicked

From navigating small town life to solving puzzling murders Katie and Maverick are a delight Mindy Mejia international bestseller author Immediately captivating Katie and Maverick are destined to become a notable amateur sleuth team in the mystery world Connie Shelton USA Today bestselling author I thoroughly enjoyed this debut book by Mary Seifert This well written and thoughtful story kept me engaged with fun characters interesting information and mind and math puzzles Looking forward to book two James 5 star review Fun read The author has an authentic voice and has done her research The plot covers many topics dogs history the inner workings of hospitals family dynamics and more I especially enjoyed the puzzles and little known historical facts that were part of the story Maverick Movies it s a literary embrace a narrative that unfolds in layers revealing both the familiar and the unexpected OnlineBookClub org review

41 Active Learning Strategies for the Inclusive Classroom, Grades 6-12 Diane Casale-Giannola, Linda Schwartz Green, 2012-06-27 Bueller Keys to engaging secondary students Motivating adolescents to learn can be a challenge Often distracted and easily bored these kids are also critical thinkers capable of thriving in the classroom while learning 21st century skills How do we hold their attention and develop their abilities Research shows that all students regardless of learning style disability category or language difference learn more effectively when they are engaged in active learning 41 Active Learning Strategies for the Inclusive Classroom shows teachers how to help all students achieve positive learning outcomes The authors provide a compilation of strategies that serve as blueprints for instructional design and directions for using them across a variety of content areas The many benefits of active learning include A more engaged and interactive classroom Increased self directed learning Development of higher order thinking skills such as analysis synthesis evaluation Improved reading discussion and writing competencies Each strategy includes materials directions sample applications across content areas ways to support students with learning differences and sample vignettes New teacher requirements and raised expectations to meet higher standards for all students might make the teaching challenge look daunting The authors understand your journey and will walk you through the process step by step so that you are fully prepared to achieve success

Model Driven Engineering Languages and Systems Andy Schürr, Bran V. Selic, 2009-09-30 The pioneering organizers of the rst UML workshop in Mulhouse France in the summer of 1998 could hardly have anticipated that in little over a decade their initiative would blossom into today s highly successful MODELS conference series the premier annual gathering of researchers and practitioners focusing on a very important new technical discipline model based software and system engineering This expansion is of course a direct consequence of the growing significance and success of model based methods in practice The conferences have contributed greatly to the heightened interest in the field attracting much young talent and leading to the gradual emergence of its corresponding scientific and engineering foundations The proceedings from the MODELS conferences are one of the primary references for anyone interested in a more substantive study of the domain The 12th conference took place in Denver in the USA October 4-9 2009 along with numerous satellite workshops and tutorials as

well as several other related scientific gatherings The conference was exceptionally fortunate to have three eminent invited keynote speakers from industry Stephen Mellor Larry Constantine and Grady Booch *Sassy Sharon Mills Draper*,2009 It's not easy being nine especially when you're Sassy Simone Sanford Especially when you were named for sticking out your tongue on the day you were born Especially when everyone in the family calls you Little Sister And if that's not bad enough imagine being the youngest in the family and watching your big brother and sister have all the fun Well nothing stops Sassy All she has to do is reach into her Sassy Sack to find the right lip gloss hair clip or rubber band and life's problems get solved And thanks to her best friends Carmelita Jazzy and Tandy the most sour situations can become as sweet as honey **"Baad Bitches" and Sassy Supermamas** Stephane Dunn,2010-10-01 Blaxploitation action narratives as well as politically radical films like *Sweet Sweetback's Baadasssss Song* typically portrayed black women as trifling bitches compared to the supermacho black male heroes But starting in 1973 the emergence of baad bitches and sassy supermamas reversed the trend as self-assured empowered and tough black women took the lead in the films *Cleopatra Jones Coffy* and *Foxy Brown* Stephane Dunn unpacks the intersecting racial sexual and gender politics underlying the representations of racialized bodies masculinities and femininities in early 1970s black action films with particular focus on the representation of black femininity Recognizing a distinct moment in the history of African American representation in popular cinema Dunn analyzes how it emerged from a radical political era influenced by the Black Power movement and feminism Dunn also engages blaxploitation's legacy in contemporary hip hop culture as suggested by the music's disturbing gender politics and the baad bitch daughters of *Foxy Brown* and *Cleopatra Jones* rappers *Foxy Brown* and *Lil Kim* *Sassy Cinderella and the Valiant Vigilante* Sharon Dunn, Ruby Taylor's job at the university turns interesting and it isn't long before she's in a crash course on real love and deadly university politics It's a mystery with more twists than a silly straw This award-winning title is guaranteed fiction

Economics as a Moral Science Peter Rona,Laszlo Zsolnai,2017-04-13 The book is reclaiming economics as a moral science It argues that ethics is a relevant and inseparable aspect of all levels of economic activity from individual and organizational to societal and global Taking ethical considerations into account is needed in explaining and predicting the behavior of economic agents as well as in evaluating and designing economic policies and mechanisms The unique feature of the book is that it not only analyzes ethics and economics on an abstract level but puts behavioral institutional and systemic issues together for a robust and human view of economic functioning It sees economic facts as interwoven with human intentionality and ethical content a domain where utility calculations and moral considerations co-determine the behavior of economic agents and the outcomes of their activities The book employs the personalist approach that sees human persons endowed with free will and conscience as the basic agents of economic life and defines human flourishing as the final end of economic activities The book demonstrates that economics can gain a lot in meaning and also in analytical power by reuniting itself with ethics

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