

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION

(ISO/IEC - 27001 - 2013 Certified)

Model Answer: Winter - 2019

Subject: Mechanics of Structures

Sub. Code: 22303

Important Instructions to examiners:

- The answers should be examined by key words and not as word-to-word as given in the model answer scheme.
- The model answer and the answer written by candidate may vary but the examiner may try to assess the understanding level of the candidate.
- The language errors such as grammatical, spelling errors should not be given more importance. (Not applicable for subject English and Communication Skills.)
- 4) While assessing figures, examiner may give credit for principal components indicated in the figure. The figures drawn by the candidate and those in the model answer may vary. The examiner may give credit for any equivalent figure drawn.
- 5) Credits may be given step wise for numerical problems. In some cases, the assumed constant values may vary and there may be some difference in the candidate's answers and the model answer.
- 6) In case of some questions credit may be given by judgment on part of examiner of relevant answer based on candidate's understanding.
- For programming language papers, credit may be given to any other program based on equivalent concept.

Que. No.	Sub. Que.	Model Answer	Marks	Total Marks
Q.1		Attempt any <u>FTVE</u> of the following:		(10)
	(a) Ans.	Define Hooke's law with expression. Hook's law.	1	
		It states that when a material is loaded within its elastic limit, the stress produced is directly proportional to the strain.		
		$\frac{\sigma}{\sigma} = \text{Constant} = E$	1	2
	(b) Ans.	Write down formula of M-I of quarter circle about its centroidal axes.		
		M.I. of quarter circle $(I_{XX}) = 0.055R^4$		
		M.I. of quarter circle (I _{YY})= 0.055R ⁴	31.0	2
	(c) Ans.	Define modulus of rigidity and bulk Modulus. Bulk Modulus (K): When a body is subjected to three mutually perpendicular like stresses		
		of same intensity then the ratio of direct stress and the corresponding volumetric strain of the body is constant and is known as Bulk Modulus. Modulus of rigidity (G):	1	
		It is ratio of shear stress to shear strain, is called as Modulus of Rigidity.	1	2

Msbte Model Answer Paper 21

Puja Mehta

Msbte Model Answer Paper 21:

The book delves into Msbte Model Answer Paper 21. Msbte Model Answer Paper 21 is a vital topic that must be grasped by everyone, from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Msbte Model Answer Paper 21, encompassing both the fundamentals and more intricate discussions.

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 - Chapter 1: Introduction to Msbte Model Answer Paper 21
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 - o Chapter 3: Msbte Model Answer Paper 21 in Everyday Life
 - Chapter 4: Msbte Model Answer Paper 21 in Specific Contexts
 - ∘ Chapter 5: Conclusion
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awd prop shaft (rear drive shaft) removal Apr 22, 2015 — I have an 03 s60 awd. My front cv joint on my prop shaft or rear drive shaft is bad and needs to be replaced. I have taken out all the hex ... AWD drive shaft removal. Feb 23, 2016 — I am trying to remove the drive shaft on my 05 AWD. The rear CV won't come loose from the differential. Is there a trick to this? 2002 S60 AWD driveshaft removal help - Matthews Volvo Site Aug 12, 2015 — If exhaust does not allow center of the shaft to lower, remove all hangers and drop the exhaust. The rear one is reasonably accessible. AWD Prop Shaft Removal (Guide) Apr 1, 2013 — Jack up the drivers side of the car, so that both front and rear wheels are off the ground. Support with axle stands,

as you'll be getting ... How to Maintain Your AWD Volvo's Driveshaft Remove the rear strap below driveshaft. (maybe XC90 only); Remove the 6 bolts at front CV joint and rear CV joint. On earliest in this series there may be ... Drive shaft removal advice please Apr 14, 2016 — Loosen both strut to hub/carrier bolts and remove the top one completely. Swing the lot round as if you were going hard lock left for NS, hard ... S/V/C - XC70 Haldex 3 AOC Driveshaft removal The exhaust is dropped and out of the way. All 6 bolts removed. Center driveshaft carrier housing is dropped. What is the secret to getting this driveshaft to ... Volvo S60: Offside Driveshaft Replacement Jun 11, 2018 — This documentation details how to replace the offside (drivers side/Right hand side) driveshaft on a 2003 right hand drive Volvo S60. Essentials of Abnormal Psychology Essentials of Abnormal Psychology. 7th Edition. ISBN-13: 978-1305633681, ISBN ... Fundamentals of Abnormal Psychology Fundamentals of Abnormal Psychology becomes the first abnormal psychology ... Worth Publishers; Seventh edition (March 11, 2013). Language, English. Paperback ... Bundle: Essentials of Abnormal Psychology, ... Revised to reflect DSM-5, this briefer version of Durand and Barlow's widely used book fully describes abnormal psychology through the authors' ... Essentials of Abnormal Psychology 7th edition Essentials of Abnormal Psychology 7th Edition is written by V. Mark Durand; David H. Barlow and published by Cengage Learning. The Digital and eTextbook ... Essentials of Abnormal Psychology | Rent 9781305094147 The original list price of Essentials of Abnormal Psychology 7th Edition (9781305094147) is around \$240 which could feel like a lot for a 3.45 pound book. Essentials of Abnormal Psychology 7th Edition Books; Essentials of Abnormal Psychology. Essentials of Abnormal Psychology. by Vincent Mark Durand, David H. Barlow. Essentials of Abnormal Psychology, by ... eTextbook: Essentials of Abnormal Psychology, ... eTextbook: Essentials of Abnormal Psychology, 7th Edition; Starting At \$74.95; Overview. EPUB EBK: ESSENTIALS OF ABNORM AL PSYCHOLOGY. Read More; RETAIL \$74.95. Essentials of Abnormal Psychology 7th Find 9781305633681 Essentials of Abnormal Psychology 7th Edition by Durand et al at over 30 bookstores. Buy, rent or sell. Essentials of Abnormal Psychology (MindTap Course List) ... Essentials of Abnormal Psychology (MindTap Course List) (7th Edition). by Vincent Mark Durand, David H. Barlow. Hardcover, 704 Pages, Published 2015. Essentials of Abnormal Psychology Vincent Mark ... Essentials of Abnormal Psychology Vincent Mark Durand, Barlow, David 7th edition; Publication Year. 2016; Type. Textbook; Accurate description. 5.0; Reasonable ... The Art of the Setup Sheet - CNCCookbook Aug 18, 2023 — Learn how to create a setup sheet for your CNC machines with our step-by-step guide. Improve your workflow and productivity today! CNC Machining | please, an example for a setup sheet Apr 17, 2018 — I use an excel template. In one tab, I have the tools needed for the part, with their ID, tool length, tool holder gage length, etc... In ... Make setup sheets directly from your CNC programs and ... Apr 6, 2009 — Dear CNC programmers, you can make setup sheets directly from your CNC machining programs and print them into MS Excel with the new CNC Scan ... CNC Setup Sheet Utility Fast, reliable data extraction. Inceptra NC Setup Sheets extract information directly from CATIA Manufacturing and automatically generated tool lists. Beginner's Guide to Programming CNC Parts - The Art of the

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