# Merging man and maths

## mathcity.org B.SG. Mathematics A Course (Punjab University) Mathematics A Course (Punjab University) B.Sc. Matkematics Paper Pattern

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#### **Paper A** (Mathematics A Course) **Section I** (Attempt 2 questions out of 4) $\emptyset$ Ch # 1 Complete + Ex 2.1, 2.2, 2.4 $\rightarrow$ Calculus **2Q** Ø Ex 2.5 + Ch # 3 → Calculus **2Q** Recommended: ..... **Section II** (Attempt 2 questions out of 4) Ø Ex 6.1 to 6.4, 6.6, 6.7 → Calculus 2Q $\rightarrow$ Calculus Ø Ch # 8 (Ex 8.1 to 8.12) 2Q Recommended: ..... **Section III** (Attempt 1 question out of 2) $\emptyset$ Ex 2.3, 6.5, 7.1 to 7.9 without 7.5 $\rightarrow$ Calculus **2Q** Recommended: ..... **Section IV** (Attempt 1 question out of 2) Ø Ch#4 2Q Ø Ch # 5 (Ex 5.1, 5.2, 5.4, 5.5) + Ex 7.5 Recommended: ..... $\pmb{Paper \ B} \ (\text{Mathematics A Course})$ **Section I** (Attempt 2 questions out of 4) $\rightarrow$ Method Ø Ch # 3, 4, 5 2Q Ø Ch#6 $\rightarrow$ Method 2Q Recommended: ..... **Section II** (Attempt 1 questions out of 2) Ø Ch # 7 2Q $\rightarrow$ Method Recommended: ..... **Section III** (Attempt 1 question out of 2) Ø Ch#9 $\rightarrow$ Method **2Q** Recommended: ..... **Section IV** (Attempt 2 question out of 4) Ø Ch # 10 (Ex 10.1 to 10.8) $\rightarrow$ Method 2Q Ø Ex 10.9, 10.10 + Ch # 11 $\rightarrow$ Method **2Q** Recommended: ..... = Calculus with Analytic Geometry Published by Ilmi Kitab Khana, Lahore. Calculus

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= Mathematical Method Published by Ilmi Kitab Khana, Lahore.

Method

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#### **B.Sc.** Mathematics Paper Pattern

MATHEMATICS B COURSE (PUNJAB UNIVERSITY)
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#### Paper A (Mathematics B Course)

Section I (Attempt 1 questions out of 2) $\emptyset$ Ch # 1, 2, 3, 4 $\rightarrow$ Vector	2Q
Recommended:	
Section II (Attempt 2 questions out of 4)  Ø Ch # 2 & 3 $\rightarrow$ Mechanics  Ø Ch # 4, 5 & 6 $\rightarrow$ Mechanics	2Q 2Q
Recommended:	
<b>Section III</b> (Attempt 2 question out of 4)  Ø Ch # 7, 8, 9 & 10 $\rightarrow$ Mechanics Ø Ch # 11, 12, 13 $\rightarrow$ Mechanics	2Q 2Q
Recommended:	
Section IV (Attempt 1 question out of 2)  Ø Collision of particles	2Q
Recommended:	
Paper B (Mathematics B Course)	
<b>Section I</b> (Attempt 2 questions out of 4) $\emptyset$ Ch # 1 $\rightarrow$ Method + Ex # 8.13 $\rightarrow$ Calculus $\emptyset$ Ex # 2.6 & Ex # 9.1 to 9.6 $\rightarrow$ Calculus	2Q 2Q
Recommended:	
Section II (Attempt 2 questions out of 4)  Ø Ch # 8 $\rightarrow$ Method  Ø Ex # 5.3 + Ex 9.7 to 9.9 + Ch # 10 $\rightarrow$ Calculus	2Q 2Q
Recommended:	
Section III (Attempt 1 question out of 2)  Ø Ch # 2 → Method	2Q
Recommended:	
Section IV (Attempt 1 question out of 2)  Ø Metric Spaces	2Q
Recommended:	
Calculus = Calculus with Analytic Geometry Published by Ilmi Kitab Khana, Lahore.  Method = Mathematical Method Published by Ilmi Kitab Khana, Lahore.  Vectors = Elementary Vector Analysis published by The Caravan Book House, Lahore.  Mechanics = Introduction to Mechanics by Dr. Q.K. Ghori  For suggestion and updates visit http://www.mathcity.org	

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