

MATHS IMP TOPICS
STUDY BEES HSSC-1 FBISE

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CHAP 1

- EX 1.3- Q4(II) LONG
- Example on pg 27
- EX 1.4- Q4, Q5, Q9

CHAP 2

- EX 2.2-Q6, Q13, transpose questions
- EX 2.3 Q4, Q7
- EX 2.4 Q1(v, vii), Q2(iii, v, ix, xi)
Example at pg 58 (last one)
NOTE: all properties of determinant are imp for short +long
- EX 2.5- Q2 (short)
- EX 2.6- Q3,4,5,6,9 (LONG)

CHAP 3

- EX 3.1-Q2, 4, 5, 8,9 (SHORT)
Q12, 13 (LONG)
- Direction Ratios (objective)
- Ex 3.5.8 (pg 99) angle between two non-zero vectors
- Example on pg 101 IMP PROOFS
- EX 3.2 Q3(ii) Q4(i) Q5(ii) Q6(ii) Q9, Q14, Q15, Q16 (MAINLY SHORT)
- EX 3.2 Q10(i), Q12(i) Q11, Q12
EX 3.3 Q5(i), Q6, Q7(ii) Q9 Q14(i) Q15(ii) Q16 (SHORT)
- Q10(ii) Q11 (LONG)
EX 3.4- Q4 (LONG)

CHAP 4

- EX-4.2 Q5 Q7 Q8 Q12 Q16 (MCQS+SHORT)
- EX-4.3 Q23 Q24 Q25 Q26 (SHORT)
- EX 4.4 Q3 Q5 Q26 Q27 Q28 Q29 (SHORT)

- EXAMPLE at pg 138, 139 (SHORT) EX 4.5- Q6
- Q13 Q16 (SHORT) EX 4.6- Q9 Q10 Q12
- (SHORT) EX 4.7- Q6 Q12 Q17 (SHORT) Q23
- Q25 Q27 + example at pg 149 (LONG)
- EX 4.8 Q6 Q8 Q12 (LONG)
- EX 4.9 Similar world problems for SHORT

CHAP5 (SHORT)

- EX 5.1 Q5 Q6 Q10
- EX 5.2 Q6 Q8
- EX 5.3 Q2 Q6

CHAP6

- EX 6.2 Q2(v,vii) Q3(ii,vii) Q6 Q8 Q12 Q15 Q19 (SHORT)
- EX 6.3 Q1(viii) Q2(v,vi) Q4(iii) (SHORT)
Q7 Q12 Q14 (LONG)

CHAP 7

- EX 7.1 Q9 Q10 Q11 Q19 (LONG)
- Q21 Q24 (SHORT)
- EX 7.2 Q3 Q5 Q7 (SHORT)
- Q10 Q11 Q12 Q13 Q14 Q17 (LONG)
- EX 7.3 Q8 Q9 (LONG)

CHAP 8

- Example on pg 212, 213
- EX 8.1 Q4(vi) Q9 Q11(iv,v,vii) Q12(ii) Q13 (SHORT)
- EX 8.2 Q2 Q3 Q4(iv,vi) Q6(iii) Q7(iii) Q8(iii,iv,ix,xv,xvii,xxi) (SHORT)
- Last example on pg223
- EX 8.3 Q3(i,iv,viii,xi) (SHORT)
Q4(iii) (LONG)

CHAP9 (also rest parts)

- Q2(iv) Q6(iii) Q10 Q7 Q9(i).
- Maximum and minimum value questions, 9.6 application on pg 253 (SHORT)
- Review Ex9- Q2 Q5 Q6 Q7

NOTE: This list of important topics is based on past trends and exam patterns. While I've tried to cover the most relevant topics, it's not exhaustive. Students are advised to cover the entire syllabus for best results. Best of luck

Study Bees Official