

# Whiteboard

2024-09-21 13:17:11

12<sup>th</sup> maths

90/90  $\rightarrow$  1½ days

Quarterly Exam 2024

Summary

Ch-1

Ex 1.3  $\rightarrow$  2

Ex 1.4  $\rightarrow$  i, iii, iv

Ex 1.5  $\rightarrow$  2, 4 eg 1.27

Ex 1.6  $\rightarrow$  2, 3 eg 1.30

Ex 1.7  $\rightarrow$  2, 3

Ch-2

Ex 2.4  $\rightarrow$  7 eg 2.8

Ex 2.5  $\rightarrow$  7

eg 2.14, 2.15

Ex 2.6  $\rightarrow$  2

Ex 2.7  $\rightarrow$  5, 6 eg 2.17

Ex 2.8  $\rightarrow$  4, 5

eg 2.34, 2.35

Ch-3

eg 3.6

Ex 3.1  $\rightarrow$  9, 10

Ex 3.3  $\rightarrow$  5 eg 3.15

Ex 3.4  $\rightarrow$  1, 2 eg 3.23, 3.24

Ex 3.5  $\rightarrow$  5, 7 eg 3.20

Ch-4  
Ex 4.5  
 5, 6, 7, 10, 9iv  
 Eg 4.20 4.22 4.23 4.28

Ch-5  
 Ex 5.1  $\rightarrow$  6 Eg 5.10  
 Ex 5.2  $\rightarrow$  4v, 8v, vi  
 Ex 5.5  $\rightarrow$  1, 2, 5, 7, 8, 9  
 Eg 5.31-5.34

Ch-6  
 Ex 6.1  $\rightarrow$  9, 10  
 Eg 6.5, 6.7 6.3  
 Ex 6.3  $\rightarrow$  4 Eg 6.23  
 Ex 6.7  $\rightarrow$  full mix eg

### 2m and 3m

Ch=1 (3m 2m)  
2marks

Ex 1.1  $\rightarrow$  12

eg 1.2 1.4 1.7 1.11

Ex 1.2  $\rightarrow$  1

### 3marks

Ex 1.1  $\rightarrow$  3, 6, 7, 8, 9, 11

eg 1.5 1.6 1.8

rank  
Ex 1.2  $\rightarrow$  2 (row reduction)  
3  $\rightarrow$  i (gauss)

eg 1.13 1.14 1.20

Ex 1.3  $\rightarrow$  i, ii, eg 1.22

Ex 1.4  $\rightarrow$  i) ii)

### Chapter-2

#### 2marks

Ex 2.1  $\rightarrow$  3, 4, 6

Ex 2.2  $\rightarrow$  2

Ex 2.3  $\rightarrow$  1, 2

Ex 2.4  $\rightarrow$  2) i, 3, 5

Ex 2.5  $\rightarrow$  3

eg 2.11

Ex 2.6  $\rightarrow$  3) iv, 4

#### 3marks

Ex 2.2  $\rightarrow$  3 eg 2.2

Ex 2.4  $\rightarrow$  4, 6

eg 2.4-2.7

Ex 2.5  $\rightarrow$  4, 5, 6, 9, 10) i, iii:

Eg 2.12 2.16 2.17

Ex 2.6  $\rightarrow$  1, 3) iii, 5

Eg 2.21

Eg 2.24

Ex 2.8  $\rightarrow$  3, 1

Eg 2.28, 2.29, 2.30

Ch-3

2 marks

Ex 3.1  $\rightarrow$  2) i,

Eg 3.1 3.2 3.3

Ex 3.2  $\rightarrow$  2, 3

Eg 3.9 3.11

Ex 3.6  $\rightarrow$  1,

3 marks

Ex 3.1  $\rightarrow$  7, 8 Eg 3.7

Ex 3.2  $\rightarrow$  1

Eg 3.10

Ex 3.3  $\rightarrow$  6, 7

Eg 3.19

Ex 3.5  $\rightarrow$  1) i

Ex 3.6  $\rightarrow$  3, 4, 5

Ch-4  
2mam

Ex 4.1  $\rightarrow$  4, 5,

eg 4.1 4.2 4.3

Ex 4.2  $\rightarrow$  2, 3, 4,

Ex 4.3  $\rightarrow$  1, 2

eg 4.8 4.9 i)

3mam

Ex 4.1  $\rightarrow$  6) i, 7,

Ex 4.2  $\rightarrow$  5, 7, 8) i, ii

eg 4.7

Ex 4.3) 4) ii

eg 4.14

Ex 4.4  $\rightarrow$  2) i, ii

Ch-5

Ex 5.1  $\rightarrow$  5, 7, 8, 9, 10, 11, 12

Eg 5.4 5.5 5.9 5.11 5.12

Ch-6

Ex 6.1 ND Arguments

11 to 14

Eg 6.11

Ex 6.2  $\rightarrow$  1, 2, 3, 5, 10

Eg 6.15 6.18

Ex 6.3  $\rightarrow$  1, 2, 3, 5, 8

Eg 6.19,

Ex 6.4  $\rightarrow$  5 i) ii)  $\left[ \begin{array}{l} \text{angle b/w} \\ \text{lines} \end{array} \right]$

Eg 6.30

Ex 6.9  $\rightarrow$  3, 4  $\left[ \begin{array}{l} \text{Angle b/w planes and} \\ \text{Angle b/w lines planes} \end{array} \right]$

Eg 6.47 6.48 6.49 6.51