

① CHAPTER : SETS (NCERT) DON'T (X)

DO'S (✓)

- ✓ Exercise: 1.1 (with examples)
- ✓ Exercise 1.2 (with examples)
- ✓ Exercise 1.3 (with examples)
- ✓ Exercise 1.4 (examples 15, 16, 17)
Qns: 1 to 8 and 12
- ✓ Exercise 1.6 (examples 23, 24, 25)
Qns: all (except Qn. 7)
- Miscellaneous (examples all)
Qns 1, 2, 3, 6, 7, 9, 10, 11, 12, 14, 15, 16

DON'T (X)

- (X) Difference of sets
- (X) Complement of sets
→ $A-B, B-A, A \cap B^c$, De Morgan's law (X)
- (X) all properties of complement
- (X) $A \Delta B$
- Exercise 1.4
Example 18, 19 (X)
Qns: 9, 10, 11 (X)
- Exercise 1.5 (X) cancelled with examples
- Exercise 1.6
Example 26, 27 (X)
Qns: 7 (X)
- Miscellaneous
Qns 4, 5, 8, 13 (X)

② CHAPTER: RELATION FUNCTIONS (NCERT) (DON'T) (X)

DO'S

- (✓) Complete, complete (✓)
all exercises to be done with Miscellaneous

DON'T (X)

- (X) $f+g, f-g, f \cdot g, \frac{f}{g}$; $g \neq 0$
example 16, 17 (X)
- Miscellaneous exercise Qn. 7 (X)

(3) TRIGONOMETRY (NCERT) (DON'T) (X)

DO'S (✓)

- ✓ Exercise 3.1 Complete
- ✓ Exercise 3.2 Complete
- ✓ Exercise 3.3 Complete
- ✓ Exercise 3.4
Q: 1 to 4 (only principal solutions)
- ✓ General solution (Type-1)
 $\sin \theta = 0$
 $\cos \theta = 0$
 $\tan \theta = 0$ (✓)
- ✓ Miscellaneous: Complete
- ✓ Supplementary (Sine law, cosine law)

DON'T (X)

- (X) General solution (Type-II)
- (X) $\sin \theta = \sin \alpha$
 $\tan \theta = \tan \alpha$
 $\cos \theta = \cos \alpha$
- (X) Exercise 3.4
- (X) Example 20, 21, 22, 23, 24
- (X) Qns: 1 to 9

(4) PRINCIPLE OF MATHEMATICAL INDUCTION (PME)

Completely cancelled / deleted

(X)
Full
chapter

(5) LINEAR INEQUALITIES (✓) (✓) (✓) Complete (kuch bhi ditek nahi hua)

(6) Complex Numbers (NCERT) Don't (X)

Do's (✓)

- ✓ exercise 5.1 (with examples) complete
- ✓ Exercise 5.3 (with examples) complete
- ✓ Misc. examples 12, 14, 15
- Q_{ns} 1 to 20 (except 5 & 13)

Don't (X)

- (X) Topic: polar form of a complex number
- (X) Topic: square root of a complex number
- (X) Exercise: 5.2 with examples (completely deleted)
- (X) Example: 13, 16
- (X) Miscellaneous Q_{ns} : 5, 13
- (X) Supplementary (square root)
- (X) exercise 5.4 (page 474, 475)

(7) PERMUTATION & COMBINATION (✓) (✓) (✓)
Complete / Full chapter (karna hai)

(X) only derivation of ${}^n P_r$ & ${}^n C_r$ (cancelled)

(8) BINOMIAL THEOREM (Full chapter Deleted) (X) (X)

(9) SEQUENCE & SERIES (NCERT)

- ✓ A.P (complete)
- ✓ G.P (complete)

(X) Topic: SPECIAL SERIES

(X) $\sum n$, $\sum n^2$, $\sum n^3$, $\sum k$

(X) Exercise 9.4 (with examples) (X) (X)

(X) Miscellaneous

Q_{ns} 22, 23, 24, 25, 26