

Check List Of Important Questions For Class XII

- Go through your **NCERT Textbooks** (Part I & II both) **At Least Once**.
- **Don't Dare to avoid NCERT Exemplar Problems** as CBSE has recommended this book for 2020 Board Exams.
- Do all the **Examples** of NCERT Textbooks.
- **DON'T DARE** to leave any **Miscellaneous Examples** & Questions of **Miscellaneous Exercises**.
- Learn all the **Important Formulae** of various chapters by writing them again and again.
- **Mark** those **Formulae which are Confusing** for you (specially in **Integrals & 3 D Geometry**).
- **Mark** the **Tricky Questions** (or, **make a list** in a separate notebook) so that you have a **List Of Questions** from each topic to look after at the time of **Final Revision**.

To be done during revision phase (Only for **Class-room** students) :

- ❖ Thorough Revision of **NCERT Books** (Part I & II), **NCERT Exemplar Problems*** and **MATHEMATICIA Books**
- ❖ Discussion of **Class Room Tests & Objective Tests** held at THEOPGUPTA Advanced Math Classes.
- ❖ Left questions of **MATHEMATICIA Books** (Remember, we left one or two questions in a few topics?)
- ❖ **HOTS Questions In MATHEMATICS**
- ❖ **Mathmania : CBSE Question Bank by O.P. Gupta "OR" CBSE Solved Papers of Previous years (2008 - 2019)** from the book "**CBSE SOLVED PAPERS by O.P. Gupta**". These papers are available on the website theopgupta.com

👉 Chapter wise **Check List**[†] based on **NCERT Books** :

➔ Chapter 01

Examples : 2, 3, 5, 12*, 13, 14, 17, 25*, 41**, 42**, 43*, 44, 46, 47, 48, 49

Ex.1.1 : 2*, 5*, 7, 8, 9-(i), 12, 16

Ex.1.2 : 9*

Ex.1.3 : 9*, 13, 14

Ex.1.4 : 3, 4, 5, 11

Miscell. Ex. : 10, 16, 17, 19

Note that **Binary Operations have been deleted** from syllabus for 2019-2020.

➔ Chapter 02

Examples : 7, 9*, 10, 11*, 12, 13

Ex. 2.2 : 4, 13, 15*, 16, 17, 18, 19*

Miscell. Ex. : 1, 2, 4, 5, 6, 7, 8, 9*, 10, 11*, 12*, 13*, 14, 15, 16**, 17

[Don't forget to memorize the '**ranges of inverse trigo-functions of other than principal value branch**'. Check out the graphs of inverse trigo-functions as given in NCERT Textbook Part I]

➔ Chapter 03

Examples : 11, 19, 22, 24, 25, 26*, 27, 28

Ex.3.1 : 10

Ex.3.2 : 15, 16, 17, 18*, 19, 20, 21* 22

Ex.3.3 : 6, 11, 12

Ex.3.4 : 18

Miscell. Ex. : 1, 2, 3, 4, 5, 6, 7, 9*, 10, 11, 12*, 13, 14, 15

[†] The Check-List doesn't mean that only these questions will be asked in the exams, this is only to mark those questions which you shouldn't leave i.e., those questions which are a bit tricky. So be wise!

➤ Chapter 04

Examples : 4, 5, 10, 11, 13, 14, 15*, 16*, 18, 21, 22*, 29, 30*, 31, 32**, 33, 34*

Ex.4.1 : 3, 4

Ex.4.2 : 5, 6, 7, 9, 13*, 14*

Ex.4.4 : 5*

Ex.4.5 : 17, 18

Ex.4.6 : 15, 16

Miscell. Ex. : 1, 2, 3, 4*, 6, 12, 13, 14, 15, 16, 18, 19*

➤ Chapter 05

Examples : 15, 17, 18, 19, 20*, 26*, 28*, 33, 37, 40, 41, 44-(iii), 45-(ii), (iii), 46, 48

Ex.5.1 : 18, 19*, 24, 34*

Ex.5.2 : 9, 10

Ex.5.3 : 6, 11, 13, 15

Ex.5.4 : 6

Ex.5.5 : 6, 7, 8, 9, 10, 11*, 12*, 13*, 14*, 15

Ex.5.6 : 7*, 8, 10, 11*

Ex.5.7 : 13, 14, 15, 17

Ex.5.8 : 2-(iii), 3, 4, 5

Miscell. Ex. : 3, 6, 9, 14, 15*, 16, 17, 23

➤ Chapter 06

Examples : 5, 6, 13, 18, 20, 24, 25, 35*, 36, 37, 38, 41, 42, 43*, 44, 45, 46**, 48, 49, 50

Ex.6.1 : 10, 11, 13, 14*

Ex.6.2 : 2, 7*, 9*, 14, 19

Ex.6.3 : 18*, 13,

Ex.6.4 : 4, 5, 6, 7, 8, 9

Ex.6.5 : 1-(ii), (iii), 2-(i), (ii), (iv), 3-(iii), (viii), 5-(ii), All Qs from 17-29 [Do not leave **any** word problems.]

Miscell. Ex. : 2, 3, 5*, 6*, 8*, 9, 10, 11*, 12**, 15, 17, 18**, 23, 24

➤ Chapter 07

Examples : 5(ii), 15*, 16, 20*, 22(ii), 30*, 32*, 36*, 39, 40*, 41*, 43*, 44*

Ex.7.2 : 19, 24, 34*, 38, 39

Ex.7.3 : 10, 13, 19, 22*

Ex.7.4 : 23, 25

Ex.7.5 : 6, 15*, 16*, 18*, 20*, 21*

Ex.7.6 : 6, 9, 10, 11*, 15, 17*, 20*, 22

Ex.7.8 : 4, 6*

Ex.7.9 : 20

Ex.7.10 : 8

Ex.7.11 : 10*, 16*

Miscell. Ex. : 3, 4, 5*, 10, 11*, 18**, 19**, 20**, 23**, 24**, 26*, 27*, 28, 30, 31*, 32*, 33, 40, 44*

➤ Chapter 08

Examples : 7, 9, 13 (There are 2 questions with the same numbering as example 13), 14*

Ex.8.1 : 9

Ex.8.2 : 3

Miscell. Ex. : 4, 11*, 12*, 15, 17, 18, 19

➤ Chapter 09

Examples : 6, 7, 16, 17, 18*, 22, 24, 25, 26, 27*

Ex.9.3 : 3, 5, 6, 8, 9, 10

Ex.9.4 : 11, 17*, 18*, 19*, 20*, 21*, 22*

Ex.9.5 : 6, 7*, 9, 10, 12, 13, 15

Ex.9.6 : 7, 8, 9, 15

Miscell. Ex. : 3, 5, 8, 10*, 11, 12, 15*

⇒ Chapter 10

Examples : 17, 19*, 20*, 23, 24, 25, 26*, 27*, 28*, 29*, 30**

Ex.10.2 : 14

Ex.10.3 : 11, 13, 15

Ex.10.4 : 2, 3, 4, 10, 12

Miscell. Ex. : 1, 3*, 10, 11, 12*, 14*, 16, 17

⇒ Chapter 11

Examples : 5, 16, 26*, 27, 28, 29*, 30*

Ex.11.1 : 2, 4

Ex.11.3 : 1- (a), (d), 4- (d), 8, 11

Miscell. Ex. : 2, 10*, 11*, 12*, 13, 14, 15, 17, 18, 19, 20, 21, 22

⇒ Chapter 12

Examples : 6*, 7, 9, 11*

Ex.12.2 : 2, 3, 9, 10

Miscell. Ex. : 3, 5*, 6*, 7*, 8

[This chapter is very small. So, almost all the examples and questions (word-problems) from Exercises & Miscell. Exercise should be done.]

⇒ Chapter 13

Examples : 7*, 13*, 14*, 15*, 18*, 19*, 20, 21, 26, 29, 33*, 35*, 36, 37

Ex.13.1 : 12

Ex.13.2 : 16, 18

Ex.13.3 : All Questions [Q1* to 12 have been asked in the previous exams.]

Ex.13.4 : 6, 7*, 12, 13, 14, 15

Ex.13.5 : 7, 8, 12*, 15

Miscell. Ex. : 2, 3*, 4, 5, 6, 7*, 10, 11, *, 12*, 13*, 14*, 15, 16, 17, 18, 19

Note that **Bernoulli Trials & Binomial Distributions have been deleted** from the syllabus for 2019-2020.

👉 Did you see a question in any chapter of NCERT books which you think **can't** be asked in the exam?

👉👉👉 Think twice or thrice (or n number of times) but, first of all do that question!

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❖ Observe the followings when in the examination hall :

- (i) Go through the question paper thoroughly once before actually starting the paper. You are given extra time for this! Utilize it. Mark the questions which are easier for you.
- (ii) **Don't Be Shocked**, don't panic if you see some unusual questions in the paper. Mark those questions which don't make sense in the initial look. Be careful while attempting them at the Last.
- (iii) Read the 'question' very carefully. **ANSWER the Question which is ASKED and not which you THINK has been asked.**
- (iv) Be well prepared physically/mentally for the paper. **DON'T Break your RHYTHM** by going for toilet/water etc. In fact, don't leave your seat once you're in the examination hall.
- (v) **Do neat & clean work**, at least in the first few pages. For this, attempt only those questions initially where you're FULLY Confident. It puts good impression on the examiner. Remember that it is your duty to make the examiner convinced with whatever you've written.
- (vi) Do leave extra space between the successive questions and calculations (as in Probability & LPP) should be left for the final step.
- (vii) Develop the speed. Do those questions speedily where you are comfortable. It shall help you in having 15-20 minutes for the revision at the end.
- (viii) Have a **keen & careful revision of your answers**. Be content with what you did, whatever you could do, you have done that at your best. **Be peaceful.**

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Good Luck & God Bless You!!!