# NABARD Grade A

# Strategy & Roadmap

# Index

## Agriculture & Rural Development

### Important Topics- Static

1- Study of all branches of agriculture with their Latin/Greek name
2- Classification of crops based on season i.e., Kharif, Rabi & Zaid and examples
3- Crop production, important crops like- Wheat, Paddy, Sugarcane, Millets, pea, soybean, gram etc.
4- Seed production- generations and color of tags
5- Agri meteorology, Instrument used in meteorology
6- Soil classification based on color, with characteristics and states
7- Watershed classification and details
8- Soil Erosion & details
9- Irrigation types, methods and efficiency & Classification of irrigation projects
10- Agri engineering and uses in Agriculture, solar energy, biofuel and watershed
11- Horticulture – branches, classification and examples, Plantation crops and examples
12- Animal husbandry classification, common terms related to livestock and Classification of breeds and examples
13- Poultry production and classification, terms related to poultry and diseases
14- Mixed farming and classification
15- Fisheries – classification based on salinity with examples, terms related to fisheries
16- Forestry terms branches and classification
17- Agriculture extension, role of KVK in Agri extension
18- Ecology and climate change, GHGs, IPCC, UNFCCC, CoP etc
19- Agri economics, Agri marketing & Farm management

### Dynamic Agriculture

1- Agri production data asper latest advance estimates
2- State rank in production of various Agri and Horti commodities
3- ISFR 2021, Agri census, Livestock Census, handloom census
4- ARD schemes by Min of Agri, cooperation and farmers welfare. Ministry of rural development, Ministry of Panchayati raj, Ministry of MSME, Ministry of Jal shakti etc.
5- Kurukshetra magazine
6- Union Budget- ARD
7- Economic Survey- food and agriculture management
8- Latest Agri news in newspaper and PIB

# ARD Schemes- Pradhan Mantri Krishi Sinchayi Yojana, PM Kisan Samman Nidhi, Pradhan Mantri Fasal Bima Yojana, Soil health Card, National Mission on Sustainable agriculture, NFSM, eNAM, Pradhan Mantri Matasya Sampada Yojana, Agriculture Infrastructure fund, AHIDF, FIDF, formation of 10,000 FPOs, Operation greens, PMFME

## Rural Development

1- Concept of Rural Area, Structure of the Indian Rural Economy
2- Rural population in India; Occupational structure, Farmers, Agricultural Laborer
3- Panchayati Raj Institutions – Functions and Working
4- Schemes of Min of Rural Development- MGNREGA, DAY-NRLM, PMAY, Swatch Bharat, SPMRM etc

## ESI Syllabus & Topics

## Important ESI topics- Static

1. Nature of Indian Economy
2. Globalization - Economic Reforms in India & Privatization.
3. Inflation - Trends in Inflation
4. Poverty Alleviation and Employment Generation in India.
5. Population Trends - Population Growth and Economic Development
6. Agricultural performance - Issues in Food Security in India
7. Non-Institutional and Institutional Agencies in rural credit.
8. Public Sector Enterprises.
9. Rural banking and financial institutions in India - Reforms in Banking/ Financial sector.
10. Globalization of Economy
11. Role of International Funding Institutions - IMF & World Bank - WTO - Regional Economic Co-operation.
12. Social Structure in India
13. Urbanization and Migration
14. Social Infrastructure -Education, Health and Environment.
15. Education - Status & System of Education Educational Policy for India.
16. Problems of scheduled castes and scheduled tribes
17. Positive Discrimination in favor of the under privileged

## Dynamic

## Schemes & Reports

1. Ayushman Bharat, PM Fasal Bima Yojana, Pradhan Mantri Awas Yojana, Rashtriya Vayoshri Yojana, MGNREGA, E-SHRAM Portal, Mission Antyodaya-NRLM, Deen Dayal Upadhyay Gram Jyoti Yojana (DDUGJY), Pradhan Mantri Garib Kalyan Yojana, Oxfam Report, Pradhan Mantri Suraksha Bima Yojana Pradhan Mantri Garib Kalyan

Yojana, Pradhan Mantri Jeevan Jyoti Bima Yojana, PM Employment Generation Programme (PMEGP), Rashtriya Gram Swaraj Abhiyan (RGSA), MUDRA Yojana, PM Gati Shakti, Jal Jeevan Mission, SVAMITVA, Soil Health Card Scheme Mid-Day Meal Scheme (PM Poshan) etc

2. RBI SEBI NABARD Top Officials Appointment, COP26, Green Initiatives, Four Labour Codes, NFHS-5, Gender Inequality Index IMF, IMF Reports, SDR s, NAS-2021, SECC, Global Hunger Index
3. Economic Survey 2021-22 (PIB Summary Mugup), Budget 2022-23 (PIB Summary Mugup)
4. Farms Laws and Related Issues
5. CRR SLR Repo Reverse Repo LTRO TLTRO

## Institutions

- National Housing Bank, Indian Gas Exchange (IGX), SCO, BIMSTEC, WTO, Recent Development
- Universal Basic Income (UBI), Ease of Doing Business Index
- Public Sector Enterprises, PSBs, Maharatna, Navratna, Urban Cooperative Banks

## General Awareness

**Order or Priority**:
Beepedia > PIB Videos > Economic Banking and Finance Current Affairs > Live classes on Previous Year Questions + GA + Govt Schemes (Everyday)

- **Beepedia: -** Comprises of all current affairs related to all sectors and specially banking and finance sector. It is expected from you to study daily Beepedia, weekly Beepedia and monthly Beepedia.

- **PIB current affairs: -** Compilation of all important PIB news, watch to cover PIB current affairs specially June, July and august

- **Economic and financial affairs (Current & Static): -** cover both as it is important part not only for GA but also Dynamic part of ESI.

- **Union Budget & Economic Survey: -** This is important section, must cover both documents specially related to Agri and rural development. This part is also covered under Current agriculture data & Reports (Agriculture)

- **Schemes: -** Cover all important schemes specially related to ARD and also Education, Transport, health and infrastructure

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## Decision Making

**Topics to study**

- Meaning of decision making
- Steps in decision making process
- Systematic decision making and Bounded rationality
- Types of decisions
- Decision making techniques
- Decision making theories
- Leadership styles related to decision making
- Biases in decision making

**Note** - Decision making is a small topic. 2-3 readings and lot of practice of questions can easily prepare you for this part.

**Mistakes to avoid:**

- Totally neglecting this part can land you in trouble by missing qualifying for Phase 1
- Overly focusing on this part and studying multiple books would take up a lot of time which is not the right strategy to crack this exam

**Strategy** - Maintain a balance; maintain regularity and practice every week in small part

## ENGLISH (Syllabus and approach)

**Basic topics to study**

1. Parts of Speech
2. Tenses
3. Rules of Grammar
4. Articles (Along with exceptions)
5. Direct and Indirect speech
6. Active/Passive Voice
7. Reading and vocabulary to be done EVERYDAY
8. Idioms and Phrases

For reading and vocabulary practice, read newspaper editorial article every day and note down the difficult words. Find the meaning, synonym and antonym of these difficult words and make a new sentence using that word, to understand its usage.

**Types of questions to practice**

1. Fill in the blanks (All Patterns)
   a. Single Fillers
   b. Double fillers
   c. Triple fillers
   d. Two words in one blank (6 suggestions given, 2 need to be chosen)
   e. Two words in two blanks (5/6 suggestions given, 2 need to be chosen)
   f. One word in one blank of each of the two given sentences
   g. One or more than one word in each of the two blanks (6 suggestions and a sentence with two blanks given, in options, combination of words that can fill the blanks are given)
   h. 2 similar appearing words (homophones) in one blank each of three sentences
   i. Idioms or phrasal verb based
2. **Error Detection (All Patterns)**
   a. Identify error in one part of a sentence divided in 4 parts
   b. Choose the set of parts that do not have an error
   c. Error only in highlighted parts, identify the part
   d. Errors in 3 sentences
   e. Errors in 4 sentences
   f. Choose the combination of Error-free sentences (3 sentences given)
   g. Choose the combination of Error-free sentences (4 sentences given)
   h. Error or no error in 2 sentences given
   i. Spelling or context error in highlighted words/phrases
   j. Error in more than one part of a sentence divided in 5 parts
3. Word Swapping
4. Correct Word usage
5. Sentence Rearrangement (Old and new pattern)
6. Sentence improvement / Correction (Old and New pattern)
7. Match the column
8. Cloze Passage
9. Connectors
10. Reading Comprehension

To practice reading comprehension either practice from free ixambee mock tests or you can try reading chapters from English NCERT books and solve the back questions of those chapters. It will help you evaluate if you are able to understand what you read.

## Quantitative Aptitude (Syllabus and Approach)

➢ **Quantitative Aptitude - Order of Priority**:
- Series > Simplification > Quadratic Equations > Percentage > Profit & Loss > SI & CI > Alligation > Time and Work > Average > Ratio & Proportion > Ages > Partnership > Permutation & Combination > Probability > Mensuration > Number

System > HCF –LCM

**Pre-Preparation**

1. Shortcuts Tricks (squares, cubes, square root, cube root, multiplication tricks, addition tricks etc.)
2. Learn Squares upto 40
3. Learn Cubes upto 20
4. Learn Tables upto 20
5. Learn percentage fractions upto 20
   a. **Note: -Most of these things are provided in the end of pdf**

More tips to clear Quant section

1. In every week, try to do minimum 10 sets of DI
2. Sunday is the revision day for all the work done in the last 6 days.
3. Make your notes for all formulas, basics & Tricks so that it will be easy for you to revise

Remember, QRE, Computer & Decision Making is qualifying, So plan for Quant accordingly.

## Reasoning

**Reasoning Ability:** You should master all chapters other than Puzzles and Seating arrangement. However, if possible, parallelly, practise Puzzles and Seating Arrangement daily.

**Priority order –** Blood Relations > Inequalities >Syllogism > Distance & Directions > Puzzles & Seating arrangement > Analytical reasoning > Machine input
High level reasoning

## Computer awareness

Study the following topics and try to do maximum MCQs from practice tests.
1. History of computer
2. Generation of computer
3. Software
4. Hardware
5. Different Types of Computers
6. Shortcut Key
7. Computer Language
8. Networking
9. MS office
10. MCQs related to MS office
11. New Generation Technology
12. MCQs based on New Generation Technology

## *NABARD Mock Tests & Previous Year Paper*

| | *Previous Year Paper* | *Free Mock Tests* |
|---|---|---|
| **NABARD Grade A Prelims (2018,2019,2020,2021)** | https://www.ixambee.com/previous-year-question-paper/nabard-grade-a-pre | https://www.ixambee.com/free-mock-test/nabard-grade-a-phase-i |
| **NABARD Grade A Grade B Mains** | https://www.ixambee.com/previous-year-question-paper/nabard-grade-a-grade-b-mains | https://www.ixambee.com/free-mock-test/nabard-grade-a-phase-ii |

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# 50 days Study Plan Subject Wise
## Agriculture & rural Development (ARD)

| Week | ARD |
|---|---|
| **Week 1** | 1. Introduction to Agriculture & Agronomy<br>2. Classification of crops & Factors affecting<br>3. Current Agriculture & Agriculture Schemes |
| **week 2** | 1. Current Agriculture<br>2. Cropping systems & Dryland Agriculture<br>3. Seed Production<br>4. Agriculture Schemes & Kurukshetra Magazine |
| **week 3** | 1. Current Agriculture<br>2. Organic farming<br>3. Types of Soil & Plant Nutrition<br>4. Irrigation Types & Management<br>5. Agriculture Schemes |
| **WEEK 4** | 1. Current Agriculture<br>2. Farm Power & Machinery & Horticulture & details<br>3. Post-Harvest Management in Horticulture<br>4. Rural Development & Rural Economy<br>5. Agriculture Schemes |
| **WEEK 5** | 1. Current Agriculture<br>2. Animal Husbandry, Breeds & Terms of livestock<br>3. Poultry Industry & Fisheries science<br>4. Agriculture Schemes |
| **WEEK 6** | 1. Current Agriculture<br>2. Agroforestry<br>3. Agri extension<br>4. Climate change<br>5. Panchayati Raj Institutions<br>6. Rural credit, NABARD<br>7. Agriculture Schemes |

| WEEK 7 | 8. Current Agriculture<br>9. Agriculture Revision<br>10. Rural Development<br>11. Agriculture Schemes |
|---|---|

# Economic & Social Issues (ESI)

| Week | ESI |
|---|---|
| Week 1 | 1. Measurement of Growth: National Income & Per Capita Income<br>2. Govt Schemes Financial Inclusion |
| week 2 | 1. Poverty Alleviation & Employment Generation<br>2. Govt Schemes Rural Development |
| week 3 | 1. Sustainable Development & Environmental Issues<br>2. Govt Schemes MSME<br>3. Budget |
| WEEK 4 | 1. Indian Economy Part A & B<br>2. Govt Schemes in ARD<br>3. Govt Schemes in Women & Child<br>4. Economic Survey |
| WEEK 5 | 1. Indian Economy Part C & D<br>2. Govt Schemes Education & Budget |
| WEEK 6 | 1. Globalization Part A & B<br>2. Govt Schemes<br>3. Revision: Financial Inclusion<br>4. Rural Development & MSME<br>5. Economic Survey |
| WEEK 7 | 1. Social Structure Part A & B<br>2. Govt Schemes Revision: ARD, Women & Child, and Education<br>3. Revision: Budget & Economic Survey |

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# General Awareness (GA)

| Week 1 | March Beepedia<br>March PIB<br>March EBF Videos |
|---|---|
| Week 2 | March EBF & GA MCQs<br>April Beepedia<br>April PIB<br>April EBF Videos |
| Week 3 | March & April BeePedia & PIB Revision<br>GA & EBF April MCQs<br>May Beepedia<br>May PIB<br>May EBF Videos |
| Week 4 | April & May BeePedia<br>May EBF & GA MCQs<br>June Beepedia<br>June PIB &June EBF Videos |
| Week 5 | May & June BeePedia & PIB Revision<br>GA & EBF June MCQs<br>July Beepedia<br>July PIB<br>July EBF Videos<br>Summary Documents April - June |
| Week 5 | March- May Beepedia & PIB Revision<br>March- May EBF Revision<br>August 1st & 2nd Week Beepedia<br>August 1st & 2nd Week PIB & EBF Videos<br>June GA & EBF MCQs |

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| | |
|---|---|
| | Summary Documents July |
| **Week 6** | August 3rd & 4th Week Beepedia, PIB, EBF Videos<br>June - August Beepedia & PIB Revision<br>June - August EBF Revision<br>July & August MCQs of both GA & EBF<br>Summary Documents July & August |
| **Week 7** | Revision |

# Decision Making

| | Topic to cover |
|---|---|
| **Week 1** | Meaning and steps in process of Decision Making |
| **Week 2** | Types of Decisions |
| **Week 3** | Bounded rationality and Decision-making techniques |
| **Week 4** | Theories of Decision Making |
| **Week 5** | Leadership styles related to decision making |
| **Week 6** | Biases in Decision Making |
| **Week 7** | Revision |

# Computer Awareness

| | | |
|---|---|---|
| **Week 1** | History of computer<br>Generation of computer | 1. History of Computer in World & India<br>2. All 5 Generations<br>3. Language used in Generations<br>4. Technology used in Generations |
| **Week 2** | Software & Hardware | 1. Important Software<br>2. Pre-Installed Software & Application Software<br>3. Peripheral Uses of Hardware |
| **Week 3** | Shortcut Key | 1. Super , Mainframe, Hybrid, Mini, Micro computer<br>2. All shortcut keys used with modifier keys |
| **Week 4** | Computer Language, Networking & OSI | 1. High Level Language<br>2. Low Level Language<br>3. Topologies<br>4. Layers in OSI Model |

| Week 5 | MS office<br>MCQs related to MS office | 1. MS PPT, Word, Xcel, OneNote, Outlook<br>2. Google Drive, Google sheets, Doc, Slide |
|---|---|---|
| Week 6 | New Generation Technology<br>MCQs based on New Generation Technology | 1. New products by Google, Microsoft, Apple and big companies<br>2. 1 Chapter Test (40 Questions) |
| Week 7 | Revision | Revision |

# English

| Week | Topics to Cover |
|---|---|
| Week 1 | 1. Parts of Speech<br>2. Articles and Determiners<br>3. Reading Exercise |
| Week 2 | 1. Tenses & Rules of Grammar<br>2. Reading Exercise |
| Week 3 | 1. Active Passive Voice<br>2. Direct Indirect Speech, Vocabulary<br>3. Correct Word Usage<br>4. Reading Exercise |
| Week 4 | 1. Phrasal verbs<br>2. Idioms and Phrases<br>3. Connectors<br>4. Reading Exercise<br>5. Error Detection |
| Week 5 | 1. Sentence Rearrangement<br>2. Sentence Improvement<br>3. Cloze Passage<br>4. Reading Exercise |
| Week 6 | 1. Reading Comprehension<br>2. Fillers<br>3. Word Swapping |

| Week 7 | 1. Match the column<br>2. Reading Exercise |
|---|---|

# Quantitative Aptitude

| | Topics to Cover |
|---|---|
| **Week 1** | 1. Shortcut Tricks<br>2. Simplification<br>3. Approximation<br>4. Surds & Indices |
| **Week 2** | 1. Quadratic Equation<br>2. Series<br>3. Partnership |
| **Week 3** | 1. Percentage<br>2. Profit & Loss |
| **Week 4** | 1. Ratio & Proportion<br>2. Average<br>3. Alligation |
| **Week 5** | 1. Time and Work<br>2. Probability<br>3. Time and Distance<br>4. Train<br>5. Boat & Stream |

| Week 6 | 1. Age |
| | 2. DI |
| | 3. Mensuration |
| Week 7 | 1. DI |
| | 2. Caselet DI |
| | 3. Quant Section Tests – Easy |
| | 4. Quant Section Tests – Moderate |
| | 5. Revision |
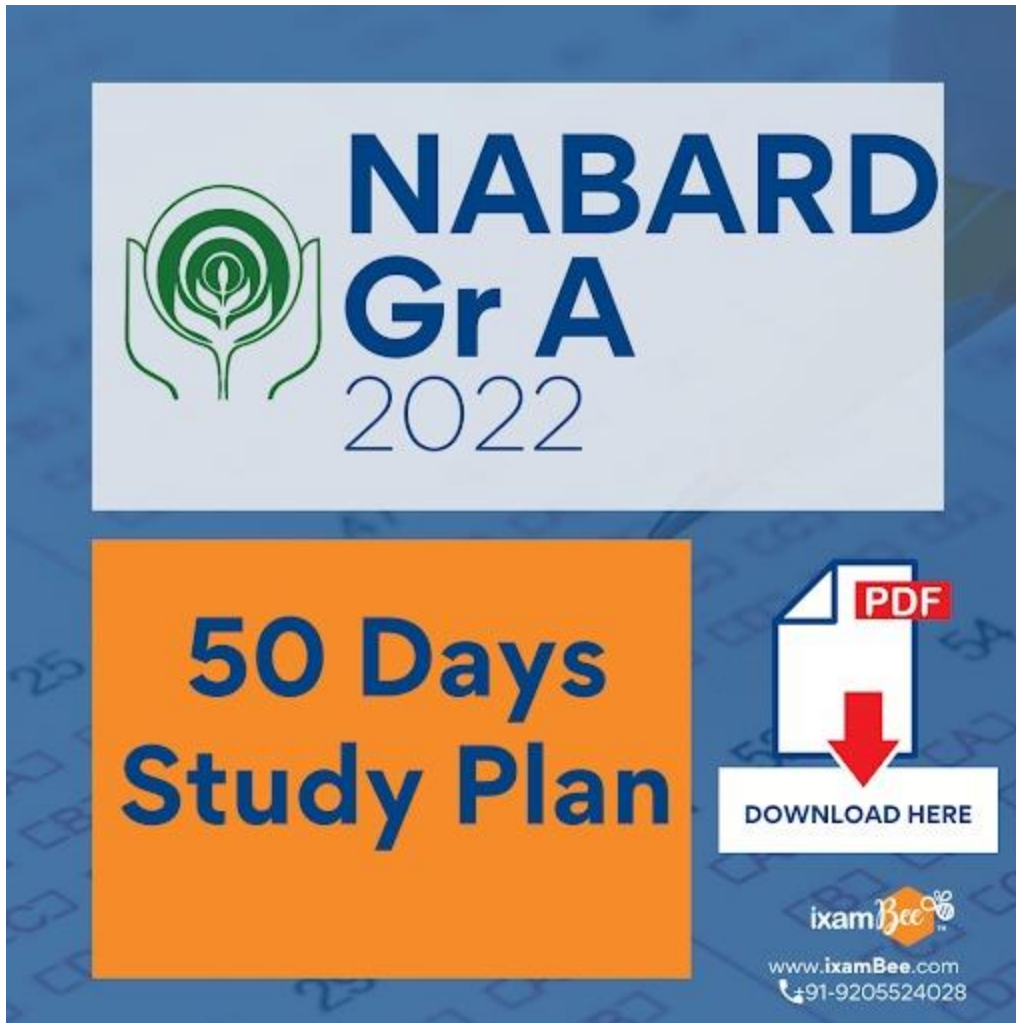
## Reasoning aptitude

| | Topic |
| --- | --- |
| **Week 1** | 1. Blood relations statements |
| | 2. Blood relations |
| | 3. Coded Inequality |
| | **4.** Puzzles & Seating arrangement |
| **Week 2** | 1. Coded Inequality |
| | 2. Syllogism |
| | 3. Syllogism only & only a few |
| | **4.** Puzzles & Seating arrangement |
| **Week 3** | 1. Reverse syllogism |
| | 2. Coding decoding Chinese |
| | 3. Coding decoding logical |
| | **4.** Puzzles & Seating arrangement |
| **Week 4** | 1. Machine input |
| | 2. Seating arrangements with blood relaton |
| | **3.** High level puzzles |

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| Week 5 | 1. Direction Distance statement |
| | 2. Direction distance coded |
| | 3. Puzzles and seating arrangement |
| Week 6 | 1. Analytical reasoning |
| | 2. critical reasoning |
| | 3. Puzzles & Seating arrangements |
| Week 7 | 1. Data sufficiency |
| | 2. Short puzzles |
| | 3. Puzzles seating arrangements |

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# Tricks as mentioned in Quant's strategy

## Squares upto 40

| | | | |
|---|---|---|---|
| $1^2 = 1$ | $11^2 = 121$ | $21^2 = 441$ | $31^2 = 961$ |
| $2^2 = 4$ | $12^2 = 144$ | $22^2 = 484$ | $32^2 = 1024$ |
| $3^2 = 9$ | $13^2 = 169$ | $23^2 = 529$ | $33^2 = 1089$ |
| $4^2 = 16$ | $14^2 = 196$ | $24^2 = 576$ | $34^2 = 1156$ |
| $5^2 = 25$ | $15^2 = 225$ | $25^2 = 625$ | $35^2 = 1225$ |
| $6^2 = 36$ | $16^2 = 256$ | $26^2 = 676$ | $36^2 = 1296$ |
| $7^2 = 49$ | $17^2 = 289$ | $27^2 = 729$ | $37^2 = 1369$ |
| $8^2 = 64$ | $18^2 = 324$ | $28^2 = 784$ | $38^2 = 1444$ |
| $9^2 = 81$ | $19^2 = 361$ | $29^2 = 841$ | $39^2 = 1521$ |
| $10^2 = 100$ | $20^2 = 400$ | $30^2 = 900$ | $40^2 = 1600$ |

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## Cubes upto 20

| | |
|---|---|
| $1^3 = 1$ | $11^3 = 1331$ |
| $2^3 = 8$ | $12^3 = 1728$ |
| $3^3 = 27$ | $13^3 = 2197$ |
| $4^3 = 64$ | $14^3 = 2744$ |
| $5^3 = 125$ | $15^3 = 3375$ |
| $6^3 = 216$ | $16^3 = 4096$ |
| $7^3 = 343$ | $17^3 = 4913$ |
| $8^3 = 512$ | $18^3 = 5832$ |
| $9^3 = 729$ | $19^3 = 6859$ |
| $10^3 = 1000$ | $20^3 = 8000$ |

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## Percentage Fractions

$1 = 100\%$ ; $\frac{1}{2} = 50\%$

$\frac{1}{3} = 33\frac{1}{3}\% = 33.33\%$

$\frac{1}{4} = 25\%$ ; $\frac{1}{5} = 20\%$

$\frac{1}{6} = 16\frac{2}{3}\% = 16.66\%$

$\frac{1}{7} = 14\frac{2}{7}\% = 14.28\%$

$\frac{1}{8} = 12\frac{1}{2}\% = 12.5\%$

$\frac{1}{9} = 11\frac{1}{9}\% = 11.11\%$

$\frac{1}{10} = 10\%$

$\frac{1}{11} = 9\frac{1}{11}\% = 9.09\%$

$\frac{1}{12} = 8\frac{1}{3}\% = 8.33\%$

$\frac{1}{13} = 7\frac{9}{13}\%$

$\frac{1}{14} = 7\frac{1}{7}\% = 7.14\%$

$\frac{1}{15} = 6.66\% = 6\frac{2}{3}\%$

$\frac{1}{16} = 6.25\% = 6\frac{1}{4}\%$

$\frac{1}{17} = 5.88\%$; $\frac{1}{18} = 5.55\%$

$\frac{1}{19} = 5.26$ ; $\frac{1}{20} = 5\%$

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## More Important Percentage Fractions

$\frac{1}{8} = 12.5\%$,

$\frac{3}{8} = 37.5\%$,

$\frac{5}{8} = 62.5\%$,

$\frac{7}{8} = 87.5\%$

$\frac{1}{6} = 16.66\%$,

$\frac{5}{6} = 83.33\%$

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**How to change Fraction into Percentage**

Find the percent value of $\frac{5}{9}$

$$1/9 = 11\frac{1}{9}\% = \left(11 + \frac{1}{9}\right)\%$$

$$\text{So } 5/9 = 5\left(11 + \frac{1}{9}\right)\% = 55\frac{5}{9}\%$$

Find the percent value of $\frac{3}{8}$

$$\frac{1}{8} = 12\frac{1}{2}\% = \left(12 + \frac{1}{2}\right)\%$$

$$\text{So } \frac{3}{8} = 3\left(12 + \frac{1}{2}\right)\% = 37\frac{1}{2}\%$$

**How to change the fraction which has value more than 100% value.**

Find the percent value of $\frac{7}{5}$

$$\frac{7}{5} = \frac{5}{5} + \frac{2}{5} = 100\% + 40\% = 140\%$$
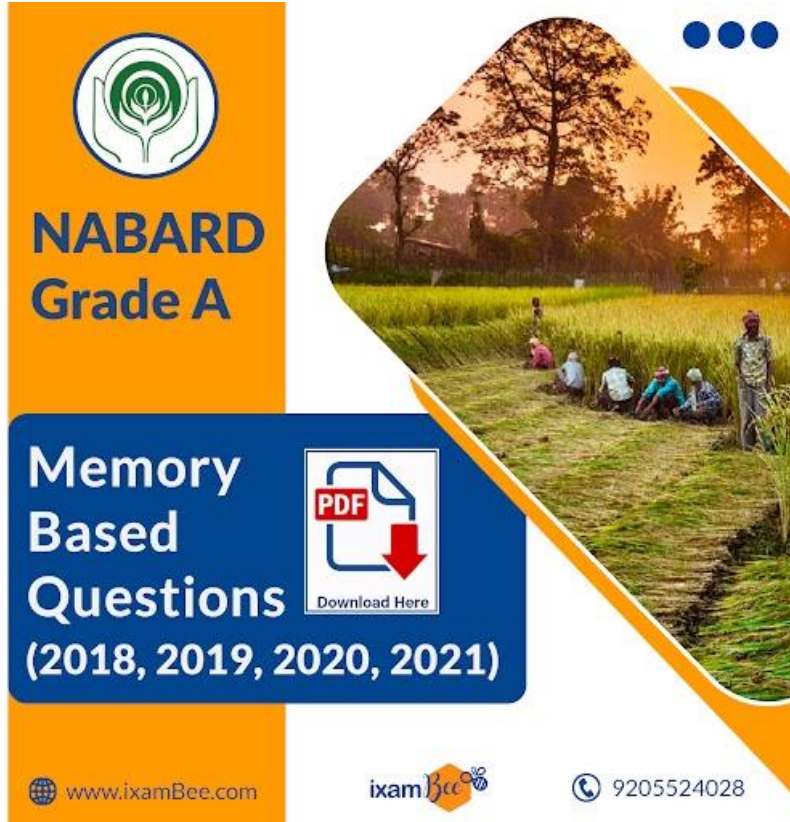
Find the percent value of $\frac{33}{7}$

$$\frac{33}{7} = \frac{28}{7} + \frac{5}{7} = 4 + \frac{5}{7} = 400\% + 71\frac{3}{7}\% = 471\frac{3}{7}\%$$

Find the percent value of $\frac{23}{12}$

$$\frac{23}{12} = \frac{12}{12} + \frac{11}{12} = 100\% + 91\frac{2}{3}\% = 191\frac{2}{3}\%$$

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## Convert percentage to Fraction value:-

Find the fraction value of $157\frac{1}{7}\%$

$$157\frac{1}{7}\% = 100\% + 57\frac{1}{7}\% = 1 + \frac{4}{7} = \frac{11}{7}$$

Find the fraction value of $616\frac{2}{3}\%$

$$616\frac{2}{3}\% = 600\% + 16\frac{2}{3}\% = 6 + \frac{1}{6} = \frac{37}{6}$$

Find the fraction value of $208\frac{1}{3}\%$

$$208\frac{1}{3}\% = 200\% + 8\frac{1}{3}\% = 2 + \frac{1}{12} = \frac{25}{12}$$

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