

Subject Code: MPD-102

Subject Name: Mentoring and Professional Development

On Completion of the course, the student will have the ability to:

CO#	Course Outcomes
CO1	Understand the basic concepts of QUANTITATIVE ABILITY
CO2	Understand the basic concepts of LOGICAL REASONING Skills
CO3	Acquire satisfactory competency in use of VERBAL REASONING
CO4	Solve campus placements aptitude papers covering Quantitative Ability, Logical Reasoning and Verbal Ability
CO5	Compete in various competitive exams like CAT, CMAT, GATE, GRE, GATE, UPSC etc.

3rd Semester

Syllabus for MSE-I			Syllabus for MSE-II		
S. No.	Name of Topic	Area of Topic	S. No.	Name of Topic	Area of Topic
1	Number System	Quantitative Ability	1	Mixtures & Allegations	Quantitative Ability
2	HCF & LCM	Quantitative Ability	2	Time & Work, Percentages	Quantitative Ability
3	Time, Speed & Distance	Quantitative Ability	3	Permutation and Combination	Quantitative Ability
4	Logic	Logic-Deduction	4	Profit & Loss	Quantitative Ability
5	Statement-Arguments	Logic-Deduction	5	Statement-Assumptions	Logic-Deduction
6	One-word substitution	English	6	Statement-Courses of Action	Logic-Deduction
7	Error-Correction	English	7	Antonym, Synonym	English
			8	Sentence Completion	English

Reference Material

1. Quantitative and Reasoning Ability by R S Aggarwal
<https://drive.google.com/file/d/0B2jcmfNyYtqaekNQczZDOWF4bXM/view>
Accessed on 22 February, 2019
2. Quantitative and Reasoning Ability by Arun Sharma <https://www.thegkadda.com/arun-sharma-quantitative-aptitude-pdf/> Accessed on 22 February, 2019
3. A Modern Approach to Verbal & Non-Verbal Reasoning by R.S. Aggarwal S Chand Publishing; 2 Colour edition (2018)

3. English For General Competition by Neetu Singh Kd Publications; Third edition edition (2017)

4. Online mock tests available at <https://testpot.com/> Accessed on 25 August, 2019

5. Video tutorials available at <https://www.careerride.com/> Accessed on 25 August, 2019

4th Semester

<u>Syllabus for MSE-I</u>			<u>Syllabus for MSE-II</u>		
S. No.	Name of Topic	Area of Topic	S. No.	Name of Topic	Area of Topic
1	Series & Progression	Quantitative Ability	1	Algebra, Averages	Quantitative Ability
2	Equations	Quantitative Ability	2	Clocks & Calendar	Quantitative Ability
3	Blood Relations	Quantitative Ability	3	Geometry	Quantitative Ability
4	Direction Test	Logic-Deduction	4	Analogy	Logic- Deduction
5	Sitting arrangement	Logic-Deduction	5	Statement-Conclusion	Logic- Deduction
6	Preposition	English	6	Jumbled Sentences	English
7	Article	English	7	Sentence improvement	English
8	Fill in the blanks	English			

Reference and E-Books:

1. Quantitative and Reasoning Ability by R S Aggarwal

<https://drive.google.com/file/d/0B2jcmfNyYtqaekNQczZDOWF4bXM/view> Accessed on 22 February, 2019

2. Quantitative and Reasoning Ability by Arun Sharma <https://www.thegkadda.com/arun-sharma-quantitative-aptitude-pdf/> Accessed on 22 February, 2019

3. A Modern Approach to Verbal & Non-Verbal Reasoning by R.S. Aggarwal S Chand Publishing; 2 Colour edition (2018)

3. Easy To Learn GENERAL ENGLISH by Yashpal Sharma, AGRAWAL EXAM CART (2019).

4. English For General Competition by Neetu Singh Kd Publications; Third edition edition (2017)

5. Online mock tests available at <https://testpot.com/> Accessed on 25 August, 2019

6. Video tutorials available at <https://www.careerride.com/> Accessed on 25 August, 2019

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5th Semester

<u>Syllabus for MSE-I</u>			<u>Syllabus for MSE-II</u>		
S. No.	Name of Topic	Area of Topic	S. No.	Name of Topic	Area of Topic
1	Problems on Numbers, Ages	Quantitative Ability	1	Boats and Streams	Quantitative Ability
2	Surds and Indices	Quantitative Ability	2	Simple Interest, Compound Interest	Quantitative Ability
3	Ratio and Proportion	Quantitative Ability	3	Probability	Quantitative Ability
4	Problem on Trains	Quantitative Ability	4	Syllogism	Logic- Deduction
5	Coding-Decoding	Logic- Deduction	5	Decision making	Logic- Deduction
6	Series-Completion	Logic- Deduction	6	Data Sufficiency	Logic- Deduction
7	Odd man out	Logic- Deduction	7	Blood Relations	Logic- Deduction
8	Voice	English	8	Idioms and Phrases	English
9	Narration	English	9	Words often Confused and Misused	English
10	Comprehension passage	English	10	Paragraph completion	English

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1. Quantitative and Reasoning Ability by R S Aggarwal
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Accessed on 22 February, 2019.

2. Quantitative and Reasoning Ability by Arun Sharma <https://www.thegkadda.com/aron-sharma-quantitative-aptitude-pdf/Accessed> on 22 February, 2019
3. A Modern Approach to Verbal & Non-Verbal Reasoning by R.S. Aggarwal S Chand Publishing; 2 Colour edition (2018)
4. Easy To Learn GENERAL ENGLISH by Yashpal Sharma, AGRAWAL EXAM CART (2019).
- 5..English For General Competition by Neetu Singh Kd Publications; Third edition edition (2017)
- 6.. Online mock tests available at <https://testpot.com/> Accessed on 25 August, 2019
7. Video tutorials available at <https://www.careerride.com/> Accessed on 25 August, 2019.

6th Semester

<u>Syllabus for MSE-I</u>			<u>Syllabus for MSE-II</u>		
S. No.	Name of Topic	Area of Topic	S. No.	Name of Topic	Area of Topic
1	Number system	Quantitative Ability	1	Direction Test	Logic- Deduction
2	HCF & LCM	Quantitative Ability	2	Sitting arrangement	Logic- Deduction
3	Time, Speed & Distance	Quantitative Ability	3	Analogy	Logic- Deduction
4	Mixtures & Allegations	Quantitative Ability	4	Statement-Conclusion	Logic- Deduction
5	Time & Work, Percentages	Quantitative Ability	5	Coding-Decoding	Logic- Deduction
6	Permutation and Combination	Quantitative Ability	6	Series-Completion	Logic- Deduction
7	Profit & Loss	Quantitative Ability	7	Odd man out	Logic- Deduction
8	Series & Progression	Quantitative Ability	8	Syllogism	Logic- Deduction
9	Equations	Quantitative Ability	9	Decision making	Logic- Deduction
10	Blood Relations	Quantitative Ability	10	Data Sufficiency	Logic- Deduction
11	Algebra, Averages	Quantitative Ability	11	Blood Relations	Logic- Deduction
12	Clocks & Calendar	Quantitative Ability	12	One-word substitution	English
13	Geometry	Quantitative Ability	13	Error-Correction	English
14	Problems on Numbers, Ages	Quantitative Ability	14	Antonym, Synonym	English
15	Surds and Indices	Quantitative Ability	15	Sentence Completion	English
16	Ratio and Proportion	Quantitative Ability	16	Preposition	English
17	Problem on Trains	Quantitative Ability	17	Article	English
18	Boats and Streams	Quantitative Ability	18	Fill in the blanks	English

19	Simple Interest, Compound Interest	Quantitative Ability	19	Jumbled Sentences	English
20	Probability	Quantitative Ability	20	Sentence improvement	English
21	Mensuration (Surface area and volume)	Quantitative Ability	21	Voice	English
22	Pipes and Cisterns	Quantitative Ability	22	Narration	English
23	Data Interpretation	Quantitative Ability	23	Comprehension passage	English
24	Logic	Logic- Deduction	24	Idioms and Phrases	English
25	Puzzles	Logic- Deduction	25	Words often Confused and Misused	English
26	Statement - Arguments	Logic- Deduction	26	Paragraph completion	English
27	Statement - Assumptions	Logic- Deduction	27	Programming Logic Based MCQs (Pseudocode)	
28	Statement -Courses of Action	Logic- Deduction			

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4. Easy to Learn GENERAL ENGLISH by Yashpal Sharma, AGRAWAL EXAM CART (2019)
5. English For General Competition by Neetu Singh Kd Publications; Third edition edition (2017)
6. Online mock tests available at <https://testpot.com/>
7. Video tutorials available at <https://www.careerride.com/>
8. <https://prepinsta.com/>
9. <https://www.faceprep.in/>