NEP 2020 & A TEXTBOOK OF MATHEMATICS 7

NEP focus areas	Pages in A Textbook of Mathematics 7
Critical thinking & Problem-solving	All HOTS questions & puzzles 7–8 (Checkpoint), 14 (HOTS), 19 (HOTS), 22 (Checkpoint), 27 (Ex 2A, HOTS), 31(HOTS), 32 (Checkpoint), 39 (Mental Maths), 44 (HOTS), 47(HOTS), 52 (Checkpoint), 55 (HOTS), 57 (HOTS), 68 (HOTS), 76 (HOTS), 84–85 (Checkpoint), 89 (HOTS), 95 (HOTS), 100 (Checkpoint), 103 (HOTS), 128 (HOTS), 133 (Checkpoint), 268 (Puzzle), 115 (HOTS), 138 (HOTS), 140 (HOTS), 146 (HOTS), 149 (Checkpoint), 150 (HOTS), 154 (HOTS), 158 (Checkpoint), 168 (HOTS), 171 (HOTS), 173 (HOTS), 175 (HOTS), 184 (Checkpoint), 202 (Checkpoint), 215 (Checkpoint), 216 (HOTS), 227 (HOTS), 230 (HOTS), 235 (HOTS), 271, (Magic Square), 282–292 (MCQs)
Creativity	64–65 (Ex 3D/6–9), 186–188, 195 (Ac), 199 (Area of Circle), 220–221, 237, 239, 241 (Ex 14A/4), 242, 254, 257, 297 (Ch 6), 300 (Ch 13), 302
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Application of knowledge	9 (1A/14–15), 31 (Ex 2B/4–11), 36 (EX 2C/5–9), 40 (Checkpoint), 47 (Ex 2F/8–14), 71 (Checkpoint, Ex 4A), 75–76 (4B), 80, 91 (Checkpoint), 106 (Checkpoint), 115, 130 (Checkpoint), 139 (Checkpoint), 140 (Percentage and Its Applications), 145 (Ex 8E), 165 (Ex 9B), 178 (Ex 10B), 193 (Ex 11B), 203–5, 214(Checkpoint), 248 (Ex 14C), 258 (Ex 15C), 260–281 (Check Your Understanding, Test Papers)
Multidisciplinary approach	13 (Example 12), 18 (Example 21), 19 (HOTS), 60–61 (Example 17), 63–65 (Ex 3D/3, 4, 9), 68 (Ex 3E/3–4), 111 (Biography), 261 (C2 and C4)
Conceptual understanding	5 (Warm Up), 12 (Checkpoint), 17 (Checkpoint), 33 (Checkpoint), 50 (Mean, Median and Mode), 65 (Probability), 70 (Forming an equation), 97–98, 108, 111 (Pythagoras theorem), 118 (Checkpoint), 120, 123, 125, 129, 132 (Warm Up), 146 (Profit and Loss), 150 (Simple interest), 155 (Warm Up), 166, 180 (Warm Up), 207 (Types of Algebraic Expression), 218–220, 224 (Checkpoint), 247, 251
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