





UNIFIED INTERNATIONAL MATHEMATICS OLYMPIAD

CLASS - 3

Question Paper Code : UM9267

KEY

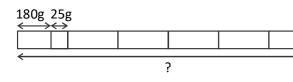
1	2	3	4	5	6	7	8	9	10
С	В	D	С	А	В	А	С	В	В
11	12	13	14	15	16	17	18	19	20
В	D	С	D	D	С	В	А	D	D
21	22	23	24	25	26	27	28	29	30
D	С	В	В	D	В	С	А	А	С
31	32	33	34	35	36	37	38	39	40
В	В	D	А	А	А	В	С	В	С
41	42	43	44	45	46	47	48	49	50
А	В	D	D	D	В	С	В	С	А

EXPLANATIONS

MATHEMATICS

01. (C)
$$\sum_{n=1}^{N} = 4521 - 1000 = 3521$$

02. (B)



180 g + 25 g = 205 g

205 g × 6 = 1230 g

She needs to use 1230 g of flour and sugar altogether.

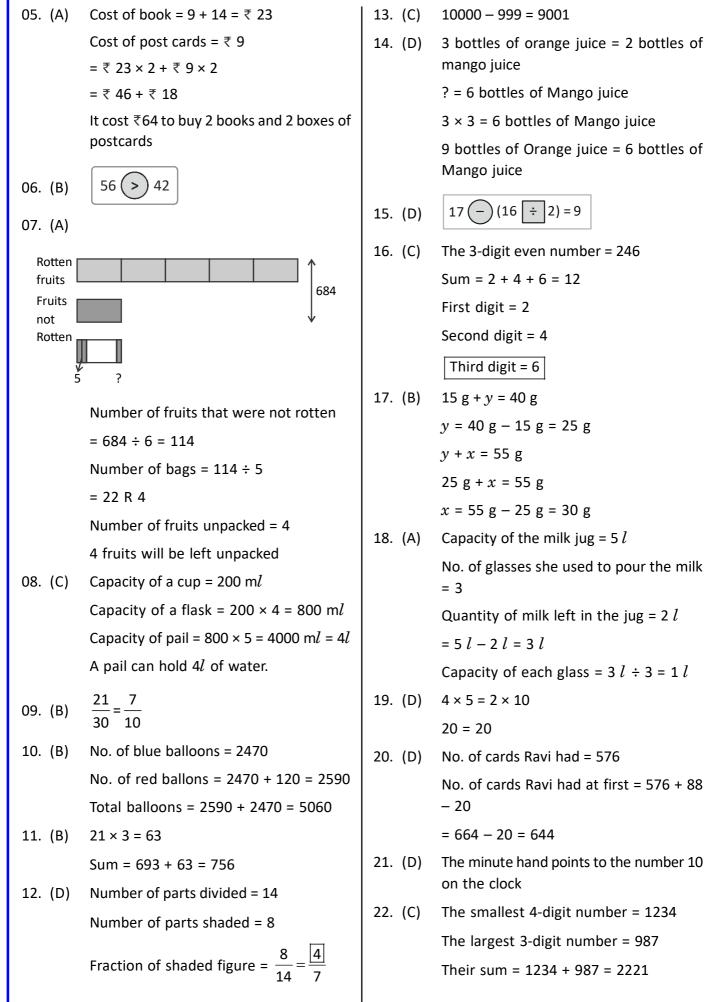
03. (D) $12l = 12\ 000\ ml$

12 000 m*l* – 10 879 m*l* = 1121 m*l* = 1*l* 121 m*l*

04. (C) Cost of rocket = ₹71

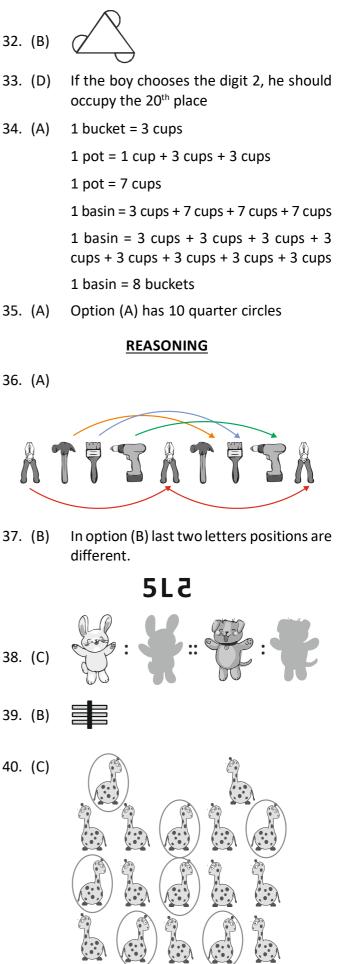
Cost of ball = ₹(71 - 29) = ₹42

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23. (B) 1 rupee \rightarrow 100 paise $? \rightarrow 3700 \text{ paise}$ 3700 ÷ 100 = 37 rupees 24. (B) 458 ÷ 7 7)458(65 - 42 38 - 35 (3) Q = 65, R = 3 Differrence = 65 - 3 = 62Given digits = 8, 3, 1 and 625. (D) Smallest odd number = 1683 8 out of 20 squares are shaded 26. (B) The required fraction is $\frac{8}{20} = \frac{2}{5}$ ·.. 27. (C) Smallest 3-digit number = 100 Largest 1-digit number = 9 9)100(11 10 9 Q = 11, R = 1 28. (A) Length of building A = 324 - 134 = 190 m Length of building B = 324 mLength of building C = 303 mTotal length = 190 m + 324 m + 303 m = 817 m 29. (A) Cost of 1 plain balloon = ₹12 Cost of 1 fancy balloon = ₹16 Cost of 5 plain balloons = ₹12 × 5 = ₹60 Cost of 5 fancy balloons = ₹16 × 5 = ₹80 = ₹80 + ₹60 = ₹140 30. (C) 3718, 3871, 7183, 8173 31. (B) 1 hr = 60 min 5 hrs = 60 × 5 = 300 min 300 + 55 = 355 min



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