



INDEPENDENT NATIONAL EXAMINATIONS BOARD **Examination of Mathematics** 1002 PRACTICE QUESTION

NAME: _____
 DATE: _____
 CLASS: _____
 SUBJECT: _____
 MARKS: _____

Q.No.	Answer	Mark	Total
1	1	1	1
2	2	1	2
3	3	1	3
4	4	1	4
5	5	1	5
6	6	1	6
7	7	1	7
8	8	1	8
9	9	1	9
10	10	1	10
11	11	1	11
12	12	1	12
13	13	1	13
14	14	1	14
15	15	1	15
16	16	1	16
17	17	1	17
18	18	1	18
19	19	1	19
20	20	1	20
21	21	1	21
22	22	1	22
23	23	1	23
24	24	1	24
25	25	1	25
26	26	1	26
27	27	1	27
28	28	1	28
29	29	1	29
30	30	1	30

1. The first 10 terms of an arithmetic progression are 1, 3, 5, 7, 9, 11, 13, 15, 17, 19. Find the sum of the first 10 terms.

2. The first 10 terms of a geometric progression are 1, 2, 4, 8, 16, 32, 64, 128, 256, 512. Find the sum of the first 10 terms.

3. The first 10 terms of a harmonic progression are 1, 1/2, 1/3, 1/4, 1/5, 1/6, 1/7, 1/8, 1/9, 1/10. Find the sum of the first 10 terms.