FOUNDATION - CLASS VI (STUDYING V) - KEY

PHYSICS		CHEMISTRY		BIOLOGY		MATHEMATICS	
1.	C	21.	D	41.	C	61.	A
2.	D	22.	C	42.	D	62.	B
3.	B	23.	B	43.	B	63.	A
4.	D	24.	C	44.	C	64.	C
5.	C	25.	A	45.	D	65.	C
6.	A	26.	A	46.	C	66.	B
7.	A	27.	D	47.	D	67.	C
8.	D	28.	C	48.	C	68.	D
9.	B	29.	A	49.	D	69.	C
10.	A	30.	D	50.	D	70.	C
11.	A	31.	B	51.	C	71.	B
12.	C	32.	A	52.	C	72.	A
13.	D	33.	A	53.	B	73.	C
14.	C	34.	D	54.	C	74.	C
15.	C	35.	D	55.	C	75.	B
16.	C	36.	A	56.	A	76.	D
17.	D	37.	D	57.	A	77.	A
18.	B	38.	C	58.	A	78.	D
19.	B	39.	C	59.	C	79.	A
20.	C	40.	A	60.	C	80.	C

SCREENING TEST - CLASS VII (STUDYING VI) - KEY

PHYSICS		CHEMISTRY		BIOLOGY		MATHEMATICS	
1.	B	26.	A	51.	B	76.	C
2.	C	27.	D	52.	B	77.	C
3.	A	28.	B	53.	A	78.	D
4.	B	29.	D	54.	B	79.	A
5.	D	30.	D	55.	B	80.	D
6.	B	31.	D	56.	A	81.	C
7.	C	32.	B	57.	C	82.	A
8.	D	33.	A	58.	A	83.	B
9.	A	34.	B	59.	A	84.	D
10.	D	35.	B	60.	B	85.	C
11.	A	36.	B	61.	C	86.	B
12.	A	37.	B	62.	D	87.	C
13.	A	38.	B	63.	C	88.	D
14.	B	39.	B	64.	D	89.	B
15.	D	40.	D	65.	C	90.	C
16.	B	41.	A	66.	C	91.	A
17.	D	42.	A	67.	B	92.	D
18.	D	43.	C	68.	B	93.	B
19.	D	44.	B	69.	A	94.	C
20.	C	45.	D	70.	A	95.	C
21.	A	46.	A	71.	A	96.	B
22.	C	47.	A	72.	B	97.	D
23.	B	48.	A	73.	B	98.	A
24.	A	49.	B	74.	C	99.	B
25.	A	50.	B	75.	A	100.	A

FOUNDATION - CLASS VIII (STUDYING VII) - KEY

PHYSICS

1.	A
2.	C
3.	A
4.	D
5.	C
6.	B
7.	B
8.	D
9.	D
10.	B
11.	C
12.	B
13.	C
14.	C
15.	B
16.	A
17.	C
18.	D
19.	D
20.	A
21.	A
22.	B
23.	A
24.	A
25.	C

CHEMISTRY

26.	C
27.	C
28.	A
29.	A
30.	C
31.	B
32.	C
33.	D
34.	A
35.	D
36.	B
37.	A
38.	A
39.	C
40.	D
41.	A
42.	B
43.	C
44.	B
45.	C
46.	A
47.	D
48.	B
49.	C
50.	C

BIOLOGY

51.	D
52.	D
53.	B
54.	A
55.	C
56.	A
57.	C
58.	A
59.	C
60.	A
61.	A
62.	B
63.	D
64.	A
65.	B
66.	C
67.	C
68.	A
69.	B
70.	C
71.	B
72.	B
73.	D
74.	C
75.	A

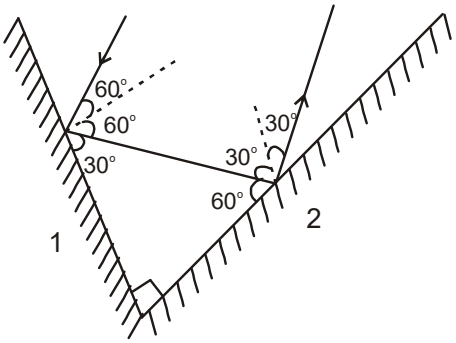
MATHEMATICS

76.	A
77.	B
78.	A
79.	B
80.	D
81.	D
82.	C
83.	B
84.	C
85.	A
86.	A
87.	D
88.	C
89.	B
90.	A
91.	C
92.	A
93.	D
94.	D
95.	C
96.	D
97.	B
98.	A
99.	A
100.	B

FOUNDATION - CLASS IX (STUDYING VIII) - KEY

PHYSICS

1. A
2. B
3. D
4. B
5. B
6. C
7. D
8. D
9. D
10. D New distance to mirror = 12m
    Distance to image from mirror = 12m
    Distance between boy and mirror = 12 + 12 = 24m
11. D
12. B
13. B



14. D
15. B
16. D
17. D
18. A
19. A
20. C
21. C
22. C
23. B
24. B
25. C

CHEMISTRY

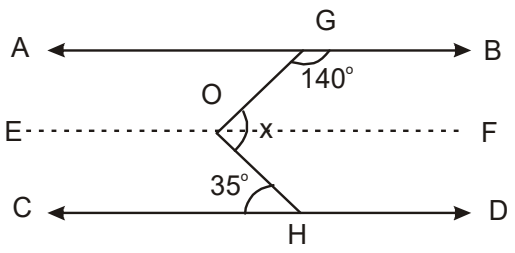
26.	A	31.	A	36.	B	41.	B	46.	C
27.	C	32.	C	37.	A	42.	D	47.	A
28.	B	33.	C	38.	D	43.	D	48.	C
29.	A	34.	C	39.	C	44.	C	49.	C
30.	D	35.	C	40.	B	45.	C	50.	D

BIOLOGY

51.	C	56.	A	61.	D	66.	B	71.	C
52.	A	57.	D	62.	C	67.	A	72.	A
53.	C	58.	A	63.	A	68.	C	73.	B
54.	A	59.	A	64.	B	69.	D	74.	A
55.	B	60.	A	65.	A	70.	A	75.	A

MATHMATICS

76. C
77. A '|| ' represents absolute value or modulus
78. D
79. D
80. A
81. C
82. B
83. A
84. D
85. B
86. A
87. D



$\angle GOF = 180 - 140 = 40^{o}$

$\angle HOF = 35^{o}$

$\therefore \angle x = 40 + 35 = 75^{o}$

88. A $5y + 40 = 180^o \Rightarrow 5y = 140^o \Rightarrow y = 28^o$

89. C

90. C

91. D

92. B

93. C

94. C

95. C $\left[\frac{1}{6} + \frac{2}{3}\right]^{-1} = \left(\frac{5}{6}\right)^{-1} = \frac{6}{5}$

96. D $2^{3x+2} = \left(2^3\right)^{4x-2}$

$\Rightarrow 2^{3x+2} = 2^{12x-6}$

$\Rightarrow 3x + 2 = 12x - 6 \Rightarrow 9x = 8$

$x = 8/9$

97. D

98. C

99. D

100. A

TEST ID	Brilliant STUDY CENTRE PALA	QUESTION BOOKLET CODE
901		J

SCREENING TEST - CLASS X (STUDYING IX) - KEY

PHYSICS		CHEMISTRY		BIOLOGY		MATHEMATICS	
1.	C	26.	A	51.	A	76.	C
2.	B	27.	C	52.	C	77.	B
3.	C	28.	D	53.	A	78.	B
4.	D	29.	C	54.	C	79.	A
5.	A	30.	D	55.	A	80.	B
6.	B	31.	D	56.	B	81.	C
7.	B	32.	D	57.	D	82.	D
8.	C	33.	C	58.	D	83.	C
9.	D	34.	A	59.	D	84.	D
10.	A	35.	D	60.	C	85.	C
11.	D	36.	D	61.	D	86.	A
12.	C	37.	B	62.	A	87.	A
13.	D	38.	C	63.	C	88.	B
14.	D	39.	B	64.	A	89.	A
15.	C	40.	B	65.	B	90.	B
16.	B	41.	D	66.	C	91.	C
17.	C	42.	C	67.	A	92.	A
18.	D	43.	D	68.	A	93.	D
19.	D	44.	C	69.	C	94.	C
20.	B	45.	A	70.	C	95.	D
21.	A	46.	A	71.	B	96.	C
22.	B	47.	A	72.	A	97.	B
23.	C	48.	D	73.	A	98.	B
24.	A	49.	D	74.	C	99.	B
25.	D	50.	D	75.	D	100.	D