

BIOLOGY ENTRANCE EXAM – 01

I. One point is given for each correct answer.

(max. 15 points)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
a)													X	X	
b)		X		X		X	X			X	X	X			X
c)			X		X			X	X						
d)	X														

II. One point is given for each correct answer.

(max. 5 points)

1	2	3	4	5	6	7	8	9	10	11	12
X		X		X		X					X

III. Two points are given for each correct answer.

(max. 8 points)

IV. One point is given for each correct answer.

(max. 4 points)

- A.1. thyroid gland
- 2. suprarenal glands
- 3. pancreatic gland
- B. Glands/glandular organs

V. One to two points are given for each correct answer.

(max. 8 points)

	Prokaryotic cell	Eukaryotic cell
Nucleus	Missing -1	Has a nucleus - 1
Genetic material - description	Nucleoid – large circular DNA molecule and small circular DNA molecules – plasmids - 2	Nucleus with double membrane containing a complex of DNA and proteins – chromatin - 2
Examples	Bacteria - 1	Plant and animal cells - 1