

## 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	
б)		X		X		X	X			X	X	X			X
в)			X		X			X	X						
г)	X														

**II. One point is given for each correct answer.**

*(max. 5 points)*

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
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