

## TEST OUTLINE – BIOLOGICAL MOLECULES

*Biological Molecules - PART 1 – Fill in the chart. Given images of molecules, give their names and explain how you know what the molecule is.*

*B4.3 Recognize the following molecules in structural diagrams: ATP, DNA, Disaccharide, Glycerol, Hemoglobin, Monosaccharide, Neutral fat, Phospholipid, Polysaccharide (starch, glycogen, and cellulose), Ribose, RNA, Saturated and unsaturated fatty acids, Steroids*

### Biological Molecules – Part 2

#### Multiple Choice.

A	B	C	D	E		A	B	C	D	E			
1.	0	0	0	0	0	B4.1	26.	0	0	0	0	0	B4.12
2.	0	0	0	0	0		27.	0	0	0	0	0	
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3.	0	0	0	0	0	B4.2	28.	0	0	0	0	0	B4.13
4.	0	0	0	0	0		29.	0	0	0	0	0	
5.	0	0	0	0	0		30.	0	0	0	0	0	
6.	0	0	0	0	0		31.	0	0	0	0	0	
7.	0	0	0	0	0		32.	0	0	0	0	0	
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8.	0	0	0	0	0	B4.4	33.	0	0	0	0	0	
-----													
9.	0	0	0	0	0	B4.5	34.	0	0	0	0	0	
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10.	0	0	0	0	0	B4.6	35.	0	0	0	0	0	
11.	0	0	0	0	0		36.	0	0	0	0	0	
12.	0	0	0	0	0		-----						
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13.	0	0	0	0	0	B4.7	37.	0	0	0	0	0	B4.14
14.	0	0	0	0	0		-----						
15.	0	0	0	0	0		38.	0	0	0	0	0	B4.15
16.	0	0	0	0	0		-----						
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17.	0	0	0	0	0	B4.8	39.	0	0	0	0	0	B4.16
18.	0	0	0	0	0		40.	0	0	0	0	0	
19.	0	0	0	0	0		-----						
20.	0	0	0	0	0		41.	0	0	0	0	0	B4.18
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21.	0	0	0	0	0	B4.9	42.	0	0	0	0	0	B4.13
22.	0	0	0	0	0		43.	0	0	0	0	0	B4.8
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23.	0	0	0	0	0	B4.10	44.	0	0	0	0	0	B4.11
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24.	0	0	0	0	0	B4.11	45.	0	0	0	0	0	B4.1
25.	0	0	0	0	0		46.	0	0	0	0	0	B4.9
							47.	0	0	0	0	0	B4.7
							48.	0	0	0	0	0	B4.10
							49.	0	0	0	0	0	B4.15/4.16
							50.	0	0	0	0	0	B4.8

*Written Response*

*B4.15 I can name the four nitrogenous bases in ribonucleic acid (RNA) and describe the structure of RNA ...*

*B4.16 I can name the four nitrogenous bases in DNA and describe the structure of DNA ...*

*B4.17 I can compare the general structural composition of DNA and RNA.*

*B4.15 I can name the four nitrogenous bases in ribonucleic acid (RNA) and describe the structure of RNA ...*

*B4.16 I can name the four nitrogenous bases in DNA and describe the structure of DNA ...*

*B4.17 I can compare the general structural composition of DNA and RNA.*

**Compare and contrast DNA and RNA (7 marks):**