

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS
A LEVEL**

H420/01

BIOLOGY A

Biological processes

INSERT

**MONDAY 12 JUNE 2017: Afternoon
TIME ALLOWED: 2 hours 15 minutes
plus your additional time allowance**

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READ INSTRUCTIONS OVERLEAF



INSTRUCTIONS

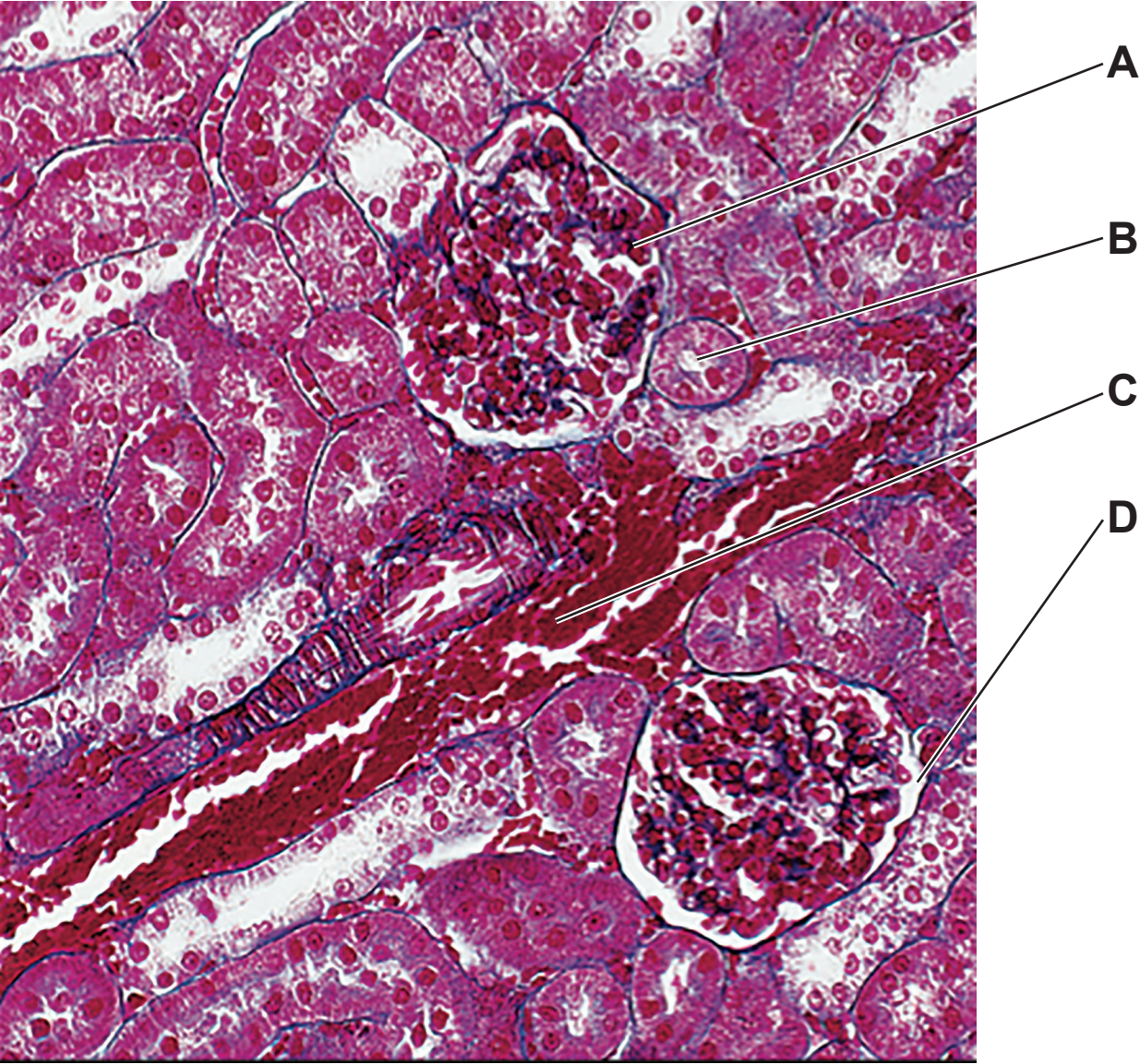
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INFORMATION

This Insert contains FIG. 22.1 and a copy of TABLE 20.

FIG. 22.1



A copy of Table 20.

Do NOT answer Question 20(a) in this insert.

Write your answer to Question 20(a) in Table 20 in the QUESTION PAPER.

TABLE 20

Conditions		Carbon dioxide produced (bubbles min ⁻¹)				
		Species				
		<i>S. cerevisiae</i>	<i>C. krusei</i>	<i>C. albidus</i>	<i>C. albicans</i>	<i>A. pullulans</i>
Aerobic	Trial					
	1	23	18	34	12	22
	2	18	17	20	15	21
	3	23	19	32	26	24
	4	24	23	26	13	22
	5	25	19	28	14	26
	6	15	17	29	12	22
	7	16	19	20	15	25
	8	17	23	36	13	27
	9	23	19	20	10	27
	10	25	17	19	13	25
	11	25	16	34	11	25
	12	23	16	20	11	25
Standard deviation		4	2	7	4	2

Anaerobic	Trial					
	1	12	6	22	8	34
	2	10	9	29	22	36
	3	12	10	19	6	29
	4	13	12	34	12	32
	5	15	7	25	19	28
	6	9	8	19	10	26
	7	10	9	23	14	27
	8	15	10	27	9	29
	9	15	5	35	6	35
	10	14	7	26	7	20
	11	15	8	19	21	30
	12	11	9	25	13	34
Standard deviation		2	2	5	6	_____

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