

OCR A - LEVEL BIOLOGY, QUESTIONS BY PAPER
PAPER 3: 2020 - 2022

2020

Question	Module	Section	Other
Q1	M1	S3	a
	M1	S4	a
	M3	S2	d - i
	M5	S1 c	c; d - ii
	M5	S2	b - i, ii, iii; c
Q2	M2	S4	a
	M3	S2	a; b
	M6	S1	d
Q3	M1	S1	a - i, ii, iii, iv; c; ii
	M2	S2	a; c - i; d
	M5	S4	a - i
	M5	S5	a - i
Q4	M1	S2	c - iii
	M2	S1	a - i, ii
	M4	S1	b; c - ii
	M6	S4	a - iii; c - i, iv, v
Q5	M1	S2	a; b - i
	M1	S3	b - ii
	M4	S2	a; d
	M6	S7	c
Q6	M3	S2	a - i, ii; b
	M5	S2	c

2021

Question	Module	Section	Other
Q1	M1	S2	c - i
	M1	S3	b - ii
	M3	S1	a; b - i
	M4	S1	c - iv, v
	M6	S2	c - ii
	M6	S4	c - ii, iii
Q2	M1	S2	d - i, ii
	M1	S4	d - iii
	M2	S6	a; b - i, ii; c
	M6	S5	e
Q3	M2	S2	a
	M4	S1	b; c
	M4	S3	e
	M5	S4	d
Q4	M2	S2	a
	M5	S5	c
	M5	S6	b - i, ii; d
Q5	M1	S1	c - i, ii, iii
	M1	S2	c - i
	M1	S3	d - ii
	M2	S2	a
	M4	S3	d - i
	M5	S5	b

2022

Question	Module	Section	Other
Q1	M3	S2	c
	M4	S1	a; b
	M5	S1 a	d - i
	M6	S4	d - ii, iii
Q2	M1	S2	a - iii; b - ii, iii
	M1	S4	b - iv; c
	M2	S1	a - iii
	M2	S6	a - i, ii; b - i
	M3	S2	d - i, ii
Q3	M4	S1	b - i
	M1	S1	c - ii
	M1	S2	b - i, ii; c - i
	M5	S4	b - ii, iii; c - ii; d
	M6	S5	a
Q4	M2	S6	b
	M3	S1	a - i
	M3	S2	a - ii
	M6	S5	b; c
Q5	M1	S2	c
	M2	S3	a
	M4	S2	b
	M6	S3	c
Q6	M2	S2	b
	M2	S6	a
	M3	S2	b
	M6	S4	a

OCR A - LEVEL BIOLOGY
MODULE 1, SECTION 1: STATISTICS

YEAR	QUESTION	OTHER	TOPIC
2017	P1, Q20	a; b	Standard deviation
2017	P2, Q17	b - i, ii	Chi-squared test, P-values
2017	P3, Q2	b - v	P-values
2018	P2, Q20	a - ii, iii	Standard deviation
2019	P2, Q20	a - ii	Choosing tests
2019	P3, Q3	c - iv	Choosing tests
2020	P1, Q9	all	Correlation coefficient
2020	P1, Q10	all	Correlation coefficient, Standard deviation
2020	P2, Q7	all	Choosing tests
2020	P3, Q3	a - i, ii, iii, iv; c - ii	P-values, Choosing tests, Chi-squared test
2021	P1, Q17	b - iii, iv	Choosing tests, P-values
2021	P1, Q20	b - i, ii	Standard deviation
2021	P2, Q19	b - i, ii, iii	Chi-squared test, P-values
2021	P3, Q5	c - i, ii, iii	Correlation coefficient, P-values
2022	P1, Q21	d - ii	Standard deviation
2022	P3, Q3	c - ii	Choosing tests

If you want to find statistical topics stated above in OCR A-Level Biology textbook, please refer to the sections below.

1	Chi-Squared test	M1 page 16; M6, S2 page 460
2	Student's t-test	M1 page 16; M5, S3 page 358
3	Standard Deviation	M4, S3 page 276
4	Spearman's rank correlation coefficient	M1 page 16; M4, S3 page 279
5	P-value & critical value	M5, S3 page 359

* Choosing tests should be done based on your knowledge about all 3 types: Chi-squared test, Student's t-test and Correlation coefficient

OCR A - LEVEL BIOLOGY
MODULE 1, SECTION 4: APPARATUS & TECHNIQUES

YEAR	QUESTION	OTHER	TOPIC
2017	P1, Q16	d	Drawings
2017	P2, Q18	b - ii	Aseptic technique
2017	P2, Q20	c	Colorimetry
2017	P3, Q1	c	Electrophoresis
2017	P3, Q2	b - iii	Dilution of a solution
2018	P1, Q18	a	Potometer
2018	P2, Q16	a - ii	Drawings
2018	P2, Q19	b - i, ii	Dilution of a solution
2018	P3, Q4	c - v	Electrophoresis
2019	P1, Q17	c - iii	Colorimetry
2019	P3, Q1	a - iii, iv	Drawings, Slides and staining
2019	P3, Q6	b - i	Dilution of a solution
2020	P1, Q16	c	Colorimetry
2020	P1, Q20	c - i	Dilution of a solution
2020	P2, Q16	b - ii	Use of organisms - pros & cons
2020	P3, Q1	a	Drawings
2021	P1, Q20	a; c - i	Potometer
2021	P3, Q2	d - iii	Dilution of a solution
2022	P1, Q18	a - i	Dilution of a solution
2022	P2, Q17	a - i, ii; b - i, ii	Aseptic technique, Dilution of a solution
2022	P2, Q21	d - i	Colorimetry
2022	P3, Q2	b - iv; c	Slides and staining

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