

Exam Question	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	FREQ.
Investigate the growth of leaf yeast using agar plates	Q8 (b)			Q8 (b)		Q9 (b) (iv)			Q8 (a) & (b)		Q9 (a) & (b)	4,2
Investigate the effect of IAA growth regulator on plant tissue	Q8 (c)			Q7 (b) (vii)		Q9 (a) & (b)		Q8 (a) & (b)		Q7 (b)		4,2
Isolate DNA from a plant tissue	Q7 (a) & (b)				Q9 (a) & (b)	Q9 (b) (iii)					Q8 (a) & (b)	3,2
Ecology Experiments (combined)			Q7 (b)					Q7 (b)		Q9 (a) & (b)		3
Investigate the effect of heat denaturation on the rate of catalase activity			Q8 (b)					Q9 (a) & (b)	Q7 (a) & (b)			3
The Scientific Method	Q9 (a) & (b)	Q9 (a)	Q9 (a)	Q7 (a)	Q7 (a) & (b)	Q8 (a)						2,8
Prepare and examine animal & plant cell using the light microscope		Q8 (b)	Q9 (b) (iii)			Q9 (b) (i)				Q8 (b)		2,4
Investigate the effect water, oxygen and temperature on germination		Q7 (a) & (b)	Q9 (b) (iv)	Q7 (b) (v)			Q8 (a) & (b)					2,4
Dissect, display and identify an ox's or sheep's heart		Q9 (b)		Q7 (b) (i)		Q7 (a) & (b)						2,2
Investigate the effect of pH & temperature on the rate of enzyme activity	Q7 (c)			Q9 (b)								2
Prepare an enzyme immobilisation and examine its application							Q9 (a) & (b)				Q7 (a) & (b)	2
Investigate the influence of light intensity or carbon dioxide on the rate of photosynthesis			Q9 (b) (i)			Q9 (b) (ii)			Q9 (a) & (b)			1,4
Be familiar with and use the light microscope		Q8 (a)		Q7 (b) (viii)								1,2
Prepare and examine microscopically the transverse section of a dicotyledonous stem (X100, X400)					Q8 (b) (iv)		Q7 (a) & (b)					1,2
Conduct any activity to demonstrate osmosis			Q9 (b) (ii)	Q7 (b) (vi)								0,4
To test for starch, fat, reducing sugars, and protein						Q9 (b) (v)						0,2
Investigate the effect of exercise on the breathing rate or pulse rate of a human					Q8 (b) (iii)							0,2
Use starch agar or skimmed milk plates to show digestive activity during germination				Q7 (b) (iii)								0,2
Prepare and show the production of alcohol from yeast												0

An experiment has never been asked two years in a row as a full question Except for once when heat denaturation in enzymes was asked in 2007 and again in 2008

Our predictions:

- Scientific Method as a part of a question
- One question will revert to a mixed question this year
- Ecology
- Photosynthesis
- They asked one enzyme exp last year this year if they ask one it is likley to be - Prepare an enzyme immobilisation and examine its application
- A lot of the ones with the lower scores are easy "OL" experiments
- Osmosis never asked

Key: Whole Question Part Question