

Term 3 Year 12 revision questions.

These questions have been placed on the Google Classroom Year 12 ALARM site, join code **j67xmow**. All questions ask for a *plan only* for the written answer. Submitted plans will be checked from Week 5, Term 3, and sample answers sent to students who have attempted them.

**Ancient History**

Assess the role of scientific methods in understanding ancient sites and sources.

**Biology**

Analyse the importance of the shape of an enzyme in carrying out its function.

**Business Studies**

Analyse the importance to a business of having human resource strategies that reduce workplace disputes and increase worker satisfaction.

**Chemistry**

Analyse how the properties and uses of copper are caused by its structure and bonding.

**Community & Family Studies**

*“It has become appallingly obvious that our technology has exceeded our humanity”* (Albert Einstein). Examine the impact of emerging technologies, using specific examples.

**Economics**

Assess the use of monetary policy to achieve full employment and prices stability.

**Engineering Studies**

Name and critically analyse one recent innovation in engineering.

Dorahy submits to this pull of fate.

He packs a small bag, noting how one's needs in age lie in inverse ratio to the expansion of the soul.

He hopes. He boards a lumbering coastal vessel that rocks him out of his capital and, after a sea-shaken slumber, wakes after the third night to a sugarville morning of hard blue and yellow north of the tropic. From the salty deck he observes the wide reaches of blue bay water as the boat enters his destiny. Coastal scrub has thinned out its scraggy imprecision and has become the scraggier, scrubbier buildings of a town he has not entered for twenty years, which yet, as he watches the houses grow larger with approach, fills him with a nauseating nostalgia.

He has kept apart as far as possible from the other passengers all the week, but now, as they join him along the railing, he feels obliged to share the excitement and the chatter. Hands point. Voices cry out. The boat noses its rusty way from harbour to river and river docks.

There are only two others disembarking and he hopes to avoid them, knowing the town is full of pubs. Their reason for return is the same as his and already, conscious of his ambitions for solitariness, he wonders why he has come. His elderly legs wobble on this Friday morning gangplank but they are the same legs that strolled through this town twenty years before, and he marvels that he is experiencing grief when, he supposes, rage would be the better thing. Turning his back firmly on the river and the docks, he walks steadily up the slope past the warehouses and enters the town.

The streets are busy with horses and big drays\*. There are people on bicycles bumping along the rough roads. Groggy from all this, he stands uncertain in sunlight, his bag at his feet. One should never go back. He decides this with vehemence and wonders then is he thinking of the psychic mistake of it or his own lack of charity. One does go back, he knows, again and again. One should forgive places as much as people.

This place has much to be forgiven it.

Terrible to sense the valetudinarian\*\* legs tentative along the footpath. But up here everyone saunters. He is relieved he does not look remarkable. It is a refusal to fight the heat which already is dealing him blow upon blow; rather a yielding to it. Already steam is rising from the baking township and its slow river. Already there is sweat along his hairline, the saddened back of his neck, trickling between his breasts.

He feels reluctant to face his hotel yet, knowing its drabness already, the tired pots of fern, the bar-stink, the narrow bedroom with its spotted mirror. He walks on one hundred, two hundred yards and finds a tea-shop sluicing out the evening before. Rinsing the last strains of it, a thin girl has been doing penance with mop and bucket. She couldn't care less about this elderly man with his thin face and thinner voice demanding tea. She isn't forgiving anybody, refuses the credit of his smile, while slinging her bile across one table surface after the other with a rancid grey rag.

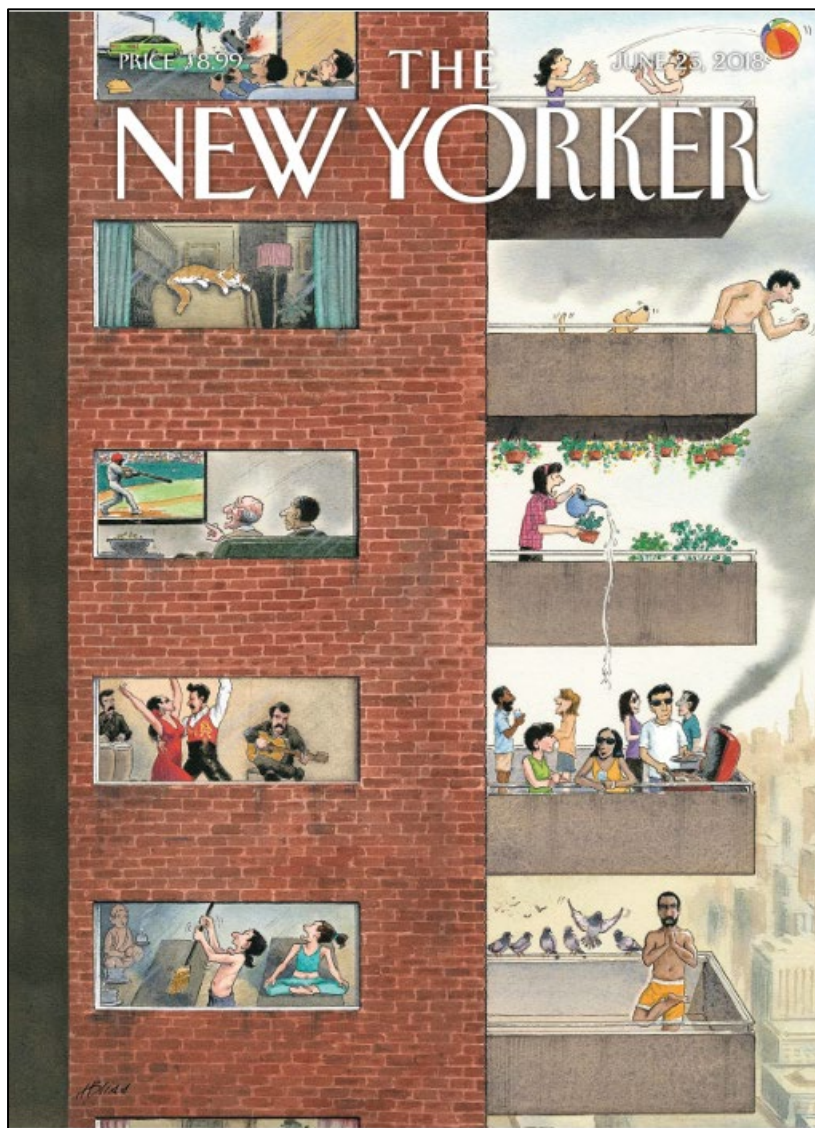
But he tries.

'It's twenty years,' he volunteers, 'since I've been here.' (Where are the banners, the bunting . . .)

She deals savagely with the counter and crashes the glass jars of sweets to one side.

'Lucky you,' she says.

THEA ASTLEY  
Extract from *A Kindness Cup*



Explain how this visual text represents diverse experiences.

*The polar exploration vessel, Raven, sailed south from Hobart into the Antarctic Ocean.*

Journal of Lieutenant Downes  
15th April, 1922

Tom Irvine, one of the regular seamen and a crew member who has proven his worth on several occasions throughout the course of this voyage, disappeared last night, along with his mate Ernie Tockson. They were last seen by Danny Carston when he woke them both for watch at 0300, and Danny said that they seemed in comparatively good spirits, commenting that the extra stove time which we had allowed ourselves last night had warmed the deck up considerably and they'd both slept like babies.

They then pulled on their gear, climbed onto the deck, and neither has been seen since. A search of the ship and surrounding ice was organised and took up most of the day, but proved no more successful than any of our other searches.

Naturally, this has caused a good deal of consternation\*, especially following on from yesterday's inexplicable discovery of the footprints. Throughout the ship, men can be heard whispering to one another in urgent and often angry tones, and many of the men are refusing to make eye contact with me, or anybody else seen as being 'in authority'. Dinner tonight was consumed by all aboard in thick, sullen silence, and then the men quickly went their own ways, turning in or disappearing out onto the ice in twos or threes for a last quick stroll around the ship and a smoke before lights out.

Strangely, Mr Rourke seemed oblivious to this change in the mood, and when I mentioned it, he appeared remarkably unconcerned, telling me that I shouldn't bother myself with 'matters out of your responsibility', and that I should just 'continue to watch each man like a hawk, because one of them is most certainly our saboteur\*\*', and it is only a matter of time until ... [he] shows himself'.

Thus dismissed, I returned to my cabin and lay awake for several hours, the cold steel head of my ice axe a reassuring presence in the bunk beside me.

ANTHONY EATON  
adapted from *Into White Silence*

In the text, analyse how language is used to reveal human emotions.

### **Geography**

Evaluate responses to the challenges of living in mega-cities in the developing world.

### **Hospitality**

Examine causes and consequences of food-borne illnesses (food poisoning) in the hospitality industry.

### **Industrial Technology (Electronics)**

Evaluate how changes in resource management have affected the electronics industry.

### **Information Processes & Technology**

Analyse ways in which the user interface impacts on user experience in information systems.

### **Legal Studies**

Evaluate the effectiveness of both legal and non-legal responses to ONE contemporary human rights issue you have studied.

### **LOTE (Chinese/Japanese/Korean)**

For the language you have studied, evaluate the influence of that country's *culture* on magazine articles, books or films.

## Modern History

Assess the economic transformation under Stalin, and its impacts on Soviet society.

## Music

For one of your studied musical topics, analyse how a composer uses *duration* to communicate with an audience.

## PDHPE

Analyse how climatic conditions affect the safe participation of athletes in sports.

## Physics

Evaluate an experiment which may be carried out to confirm the Law of Conservation of Energy in a dropped object.

## Society and Culture

Discuss how the media influences the development of our identity.

## Software Design & Development

Case study: Cambridge Analytica.



In the years after 2010, British consultancy company Cambridge Analytica was allowed to harvest personal data from millions of Facebook users, with the knowledge of Facebook, but without the consent of the users. This data, including the cities in they lived, birthdays and page “likes”, was used by the firm to build a personal profile of all these people.

Then, Cambridge Analytica sold these millions of personal profiles to political parties in the United States, for use in the 2016 US presidential elections campaigns. The political parties used the data to more effectively target their advertising programs to specific groups of voters.

In 2018, a former employee of Cambridge Analytica reported the data [mis-use](#) to the media, and an investigation into the company was launched.

As a result of this investigation, Cambridge Analytica was forced to file for bankruptcy, the CEO of Facebook, Mark Zuckerberg, was called before a US Senate inquiry, and Facebook was fined \$5 billion, and lost \$100 billion from its market value almost overnight.

In this case, the cost of data [mis-use](#) was very high.

Evaluate privacy issues in the development of software.

## Studies of Religion

To what extent has one significant person or school of thought (other than Muhammad & the Four Rightly Guided Caliphs) provided knowledge that is meaningful to followers of Islam.





Anna Zahalka, *Live Animal Exports*

Analyse how the artist portrays live animal exports through the subjective frame.