Springfield Academy

Main Synoptic - Browser Extension, Marking, Live

32 questions

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ANSWER BOOKLET

Question 1 - simple MCQ

rk833xZbp4X
Question 1

Single correct

> ## This is a Single Correct Multiple Choice Question
>
> Which planet is closest to the sun??
>
> Lead in?

A. Mars

B. Earth

C. Venus

D. Mercury

ANSWER

Question 2 - Rank order

MpB7qzo0uQm
Question 2

Ranked order

> ## This is a Rank Order question type
>
> *Users must re order the answer options which can be shuffled by the system.*
>
> Order the planets by closet to the Sun to furthest away. Closet at the top

A. Mercury

B. Venus

C. Earth

D. Mars

ANSWER

Question 3 - video in stem

PEACnxKaBsm
Question 3

Single correct

> ☝ **This is a Single Correct Multiple Choice Question with a video embedded**
>
> How many planets are in our solar system?
>
> *Embedded content, available online: https://www.youtube.com/embed/0rHUDWjR5gg?si=exzs0nfJpxnayEQ_*
>
> Click here to open a link - remember if you're being proctored this can cause a breach to be detected □

A. 8

B. 9

C. 7

D. 10

ANSWER

Question 4 - image answer options

tlj5bQSeAVg
Question 4

Single correct

> □ □ □ □ **This is a Single Multiple Choice Question, with image options.**
>
> Which planet is known as the 'Red Planet'?

A. Mars

B. Venus

C. Jupiter

D. The Sun

ANSWER

Question 5 - Audio response, audio embed

tCmcGD3eANo
Question 5

Audio recording

□ This is an Audio Response Question - with no limits imposed on re recording, marking is required

□ From which planet in our Solar System did the attacking aliens come from the 1897 sci-fi classic "**The War of The Worlds**" by *H.G Wells*?

Record your answer as an audio response

This question requires an audio recording as the response.

Question 6 - Multi Correct

7yIFuZQAJdN
Question 6

Single correct

☝ This is a Single Correct Multiple Choice Question

From which space themed universe is the character 'C-3PO' from?



A. Star Trek

B. Star Wars

C. Gravity

D. The Martian

ANSWER

Question 7 - Multi Correct

Multiple correct

9dFWZgCyn0I

Question 7

□□□□This is a Multi Correct Question

Users must select all of the correct options to get full marks

Matt Damon's characters are abandoned on planets awaiting rescue in which two films ?

A. The Martian

B. Interstellar

C. Gravity

D. Star Wars

ANSWER

Question 8 - Image MCQ

Single correct

pj4q2ARmcAD
Question 8

This is a Single Correct Multiple Choice Question

What is the name of the man in the picture who was the first man to walk on the moon?



Think carefully before you answer

A. Neil Armstrong

B. Buzz Aldrin

C. Michael Collins

D. Yuri Gagarin

ANSWER

Question 9 - Cloze drag and drop

Cloze (drag & drop)

4fjrcthh69q
Question 9

↔ This is a Cloze drag and drop question type

Complete the solar system sentence

Drag the correct terms to complete the facts about our solar system.

The largest planet in our solar system is ___**[1]**___, and it orbits around the ___**[2]**___

OPTION POOL

Sun | Moon | Pluto | Earth | Saturn | Jupiter

ANSWER

Question 10 - Cloze text

Cloze (text)

QX8gsJEaglU
Question 10

□ This is a Cloze text type question

Man on the moon

Type the correct term to complete the information on space exploration

The first human to walk on the Moon was ___**[1]**___

ANSWER

Question 11 - Cloze drop down

FmSvH3Ac5Qz
Question 11

Cloze (drop-down)

⬇ This is a Cloze drop down question

Moon

Select the correct answers from the dropdown menus to complete the statement about the Moon.

The Moon is Earth's ___**[1]**___ satellite and affects our planet's ___**[2]**___ through its gravitational pull

OPTIONS PER BLANK

[1] Only | Multiple

[2] Oceans | Forests

ANSWER

Hotspot - Nighthawks

BE1mjZdjPWw

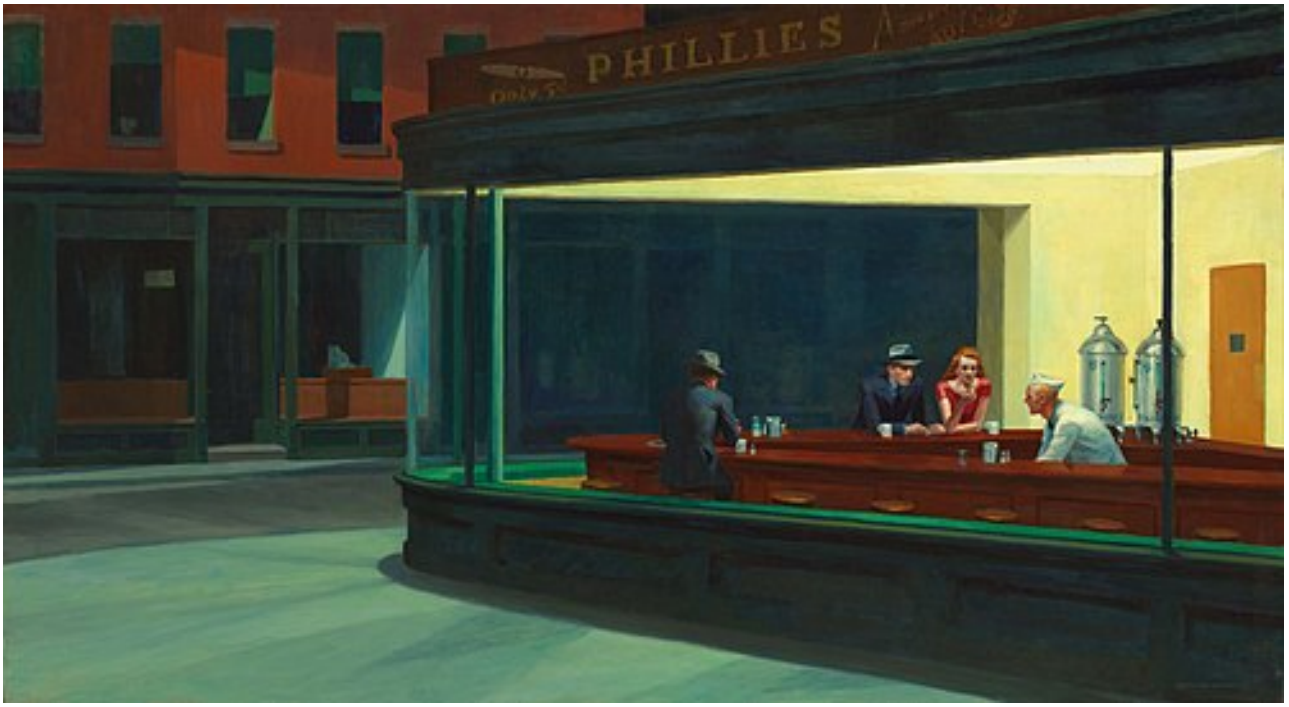
Question 12

Image hotspot

Select **one** customer

ANSWER

Mark your chosen area(s) on the image.



Cloze label the graph

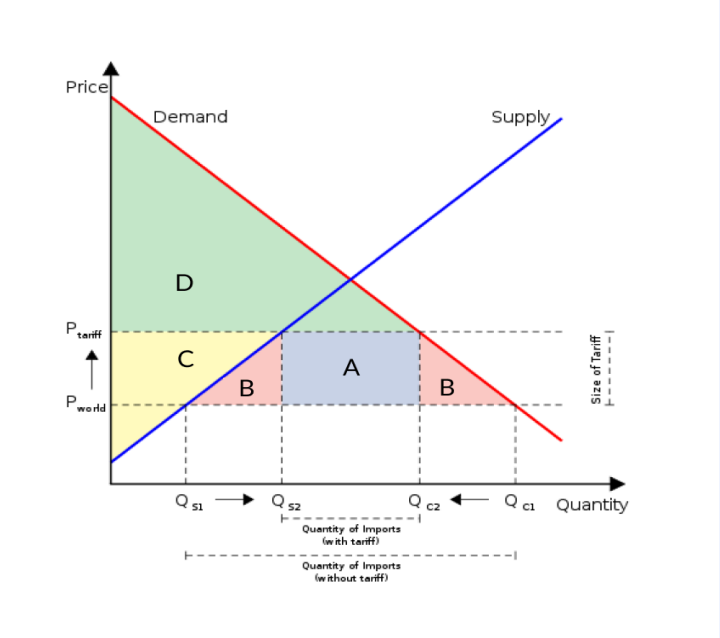
eAKJPGxpH9j

Cloze (drag & drop)

Question 13

This is a graph illustrating the effect of tariffs on the global supply and demand for a product.

Match the letter labels to the correct description for the graph



A = ___**[1]**___
B =___**[2]**___
C =___**[3]**___
D =___**[4]**___

OPTION POOL

Tax Revenue | Societal Loss | Producer Surplus | Consumer Surplus

ANSWER

Image Hotspot - select on graph

cQ6Vh6PmhBP

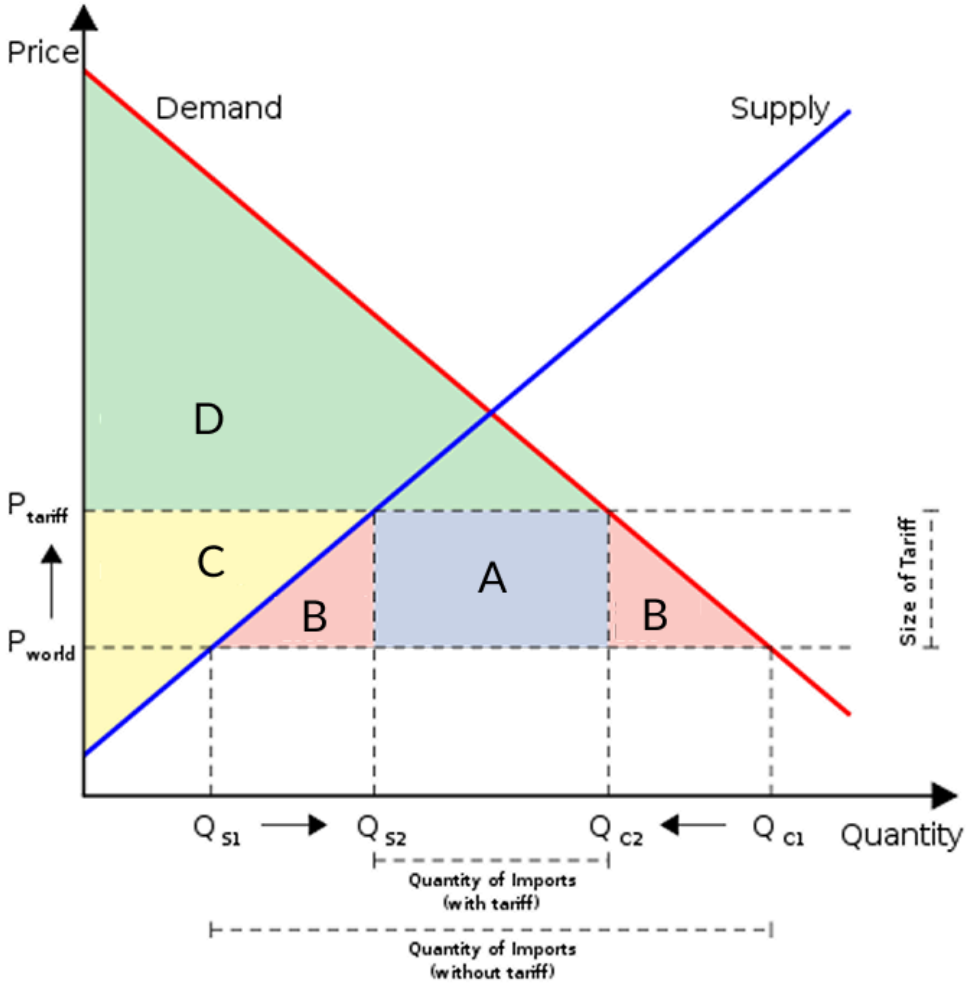
Question 14

Image hotspot

> With no interventions into this market - select on the image where the equilibrium is

ANSWER

Mark your chosen area(s) on the image.



Question 12 - single correct image

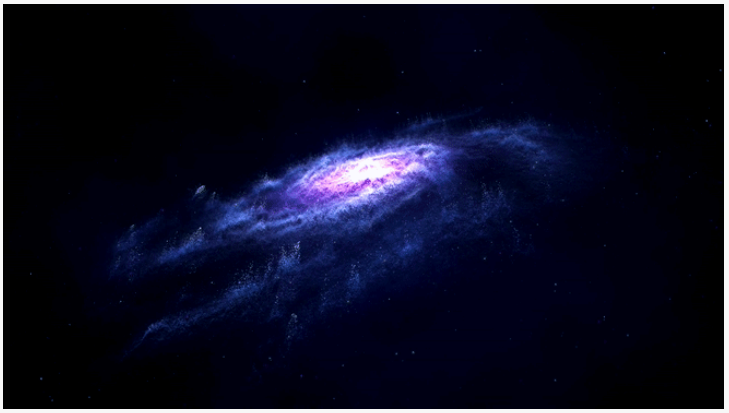
Single correct

EZqaitf6ODy

Question 15

This is a Single Correct Multiple Choice Question

What is the name of the galaxy that contains our solar system?



A. Milky Way

B. Sombrero

C. Pinwheel

D. Andromeda

ANSWER

Question 13 - formulas

Single correct

rQjpNSKMWwh

Question 16

□ This is a Single Correct Multiple Choice Question - which has formulas and sub/super scripts

What is the name of the force that keeps planets in orbit around the sun?

See if any of the formulas below can help:

$$F = G\frac{m_1 m_2}{r^2}$$

and

$$\mathbf{E=mc^2}$$

A. Gravity

B. Inertia

C. Electromagnetism

D. Nuclear Force

ANSWER

Question 14 - MCQ

Single correct

dZENdrycBOI

Question 17

□ This is a Single Correct Multiple Choice Question

What is the name of the phenomenon that occurs when a massive star collapses in on itself?

Select the correct answer

A. Black Hole

B. Supernova

C. White Dwarf

D. Neutron Star

ANSWER

Question 15

Single correct

5rHUyoVLYhb

Question 18

> ○ **This is a Single Correct Multiple Choice Question**
>
> Which planet in our solar system has the most moons?

A. Jupiter

B. Saturn

C. Mars

D. Venus

ANSWER

Question 16

Single correct

yjLL8Ape4ip

Question 19

> □ **This is a Single Correct Multiple Choice Question**
>
> What is the largest known star in the universe?

A. UY Scuti

B. Betelgeuse

C. Antares

D. Rigel

ANSWER

Question 17 - file uploaded

File upload

oC3MFsweGi3
Question 20

> **□ This is a File Upload Question - users upload a file as their response**
>
> Upload a picture or screenshot as your response for this question
>
> Upload only `.png` or `.jpeg`

This question requires a file to be uploaded as the response.

Question 18

Single correct

H4FqFgRimMH
Question 21

> **□ This is a Single Correct Multiple Choice Question**
>
> Golden Records designed to communicate a message from humanity to extraterrestrial intelligence that may encounter it, were attached to which 1&2 spacecrafts?

A. Apollo

B. Voyager

C. Spirit

D. Eternity

ANSWER

Question 19

Free text

WqAhffZROad

Question 22

✍ This is a Free Text Question which requires a written answer with a rubric / mark scheme

Essay question: □ **What is Earth's place in the universe and how does it affect our understanding of our planet and ourselves as human beings?**

Marks will be awarded according to the following rubric (*28 marks*):

Area	Marks	Description
Content and Knowledge	10	• Accurate and thorough explanation of Earth's place in the universe • Demonstrates knowledge of relevant scientific concepts and principles • Provides clear examples and evidence to support arguments
Critical Thinking and Analysis	10	• Presents a well-constructed argument with clear and logical reasoning • Analyses the implications of Earth's place in the universe on our understanding of our planet and ourselves as human beings • Considers alternative viewpoints and counterarguments
Writing and Communication	8	• Uses clear and concise language with proper grammar and punctuation • Organises ideas in a logical and coherent manner

Write your answer below

YOUR ANSWER:

Question 20 - Webcam

NV1kCcla5FO

Question 23

Free text

□ This is a Free Text Question with Webcam photo request

Say cheese! Enable a webcam photo on free text questions to request to your users to take a photo of themselves - this is a great anti cheat method for identity verification during an exam attempt

Learn more about anti cheat methods capture your users

YOUR ANSWER:

Code Block Free Text

Free text

nH9b5jrW2px

Question 24

Code blocks

Format the below snippet to add ‘Starwars’ as the largest heading. Include ‘Episode V’ as the next smaller heading, as well as ‘The Empire Strikes Back’ as the smallest heading. Make sure to include additional line breaks before the first paragraph

```
<p>"No. I am your father"</p>

<p> - Darth Vader</p>
```

YOUR ANSWER:

Drawing question type

Drawing

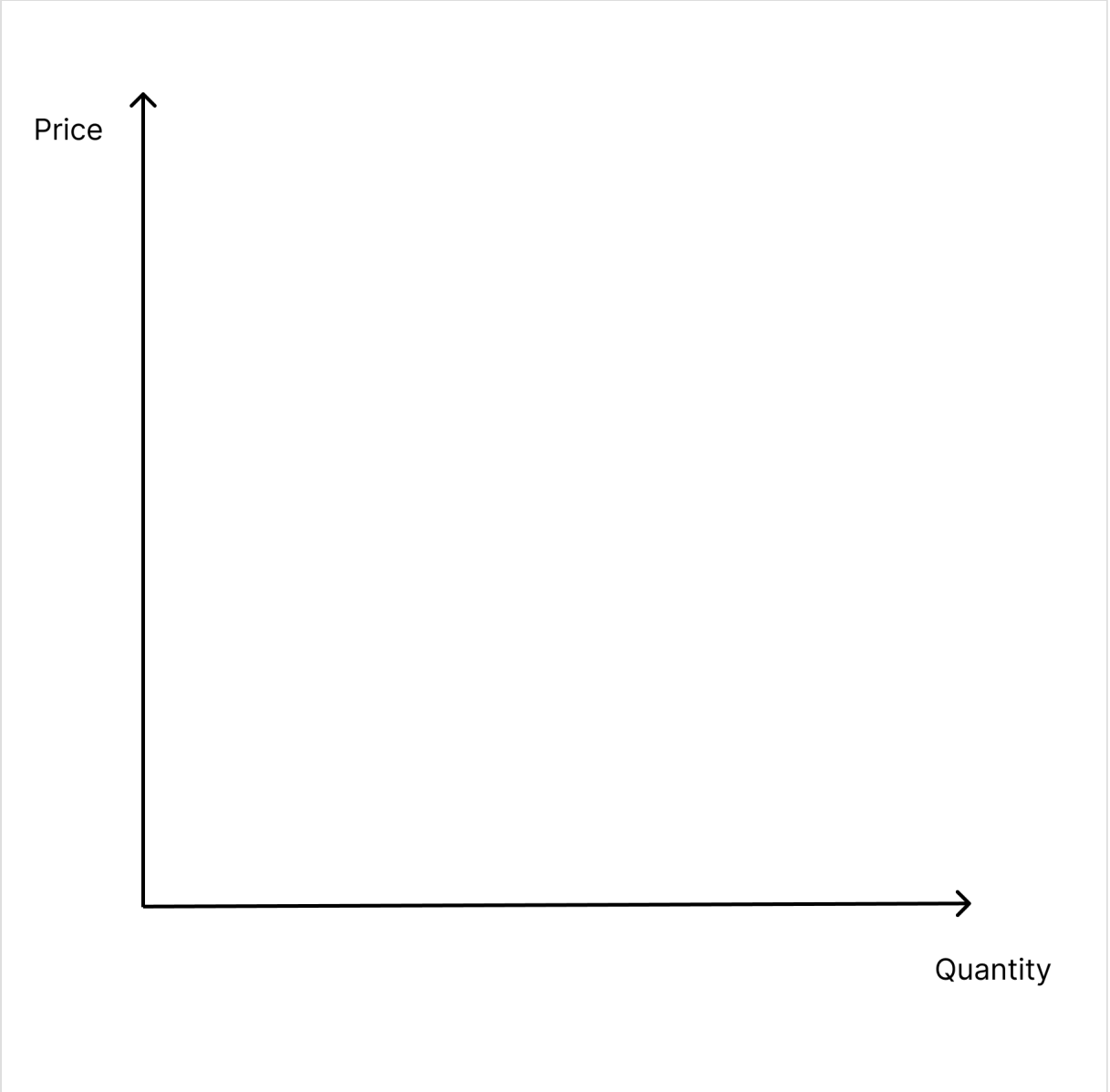
YeH2B6Iny0m

Question 25

> Draw simple supply and demand curves and show the equilibrium price and quantity. You must:
>
> - Label the Supply curve as `S` and use Red
> - Label the Demand curve as `D` and use Blue
> - Show equilibrium price as `Pe`
> - Show equilibrium quantity as `Qe`

ANSWER

Draw your answer on the image.



SCENARIO / GROUP · QUESTIONS 26-29 wvubjjTPFdB

The War of the Worlds

Book One
The Coming of the Martians

Chapter One
The Eve of the War

But who shall dwell in these worlds if they be inhabited?…
Are we or they Lords of the World?…
And how are all things made for man?—

Kepler (quoted in The Anatomy of Melancholy)

No one would have believed in the last years of the nineteenth century that this world was being watched keenly and closely by intelligences greater than man's and yet as mortal as his own; that as men busied themselves about their various concerns they were scrutinised and studied, perhaps almost as narrowly as a man with a microscope might scrutinise the transient creatures that swarm and multiply in a drop of water. With infinite complacency men went to and fro over this globe about their little affairs, serene in their assurance of their empire over matter. It is possible that the infusoria under the microscope do the same. No one gave a thought to the older worlds of space as sources of human danger, or thought of them only to dismiss the idea of life upon them as impossible or improbable. It is curious to recall some of the mental habits of those departed days. At most terrestrial men fancied there might be other men upon Mars, perhaps inferior to themselves and ready to welcome a missionary enterprise. Yet across the gulf of space, minds that are to our minds as ours are to those of the beasts that perish, intellects vast and cool and unsympathetic, regarded this earth with envious eyes, and slowly and surely drew their plans against us. And early in the twentieth century came the great disillusionment.

The planet Mars, I scarcely need remind the reader, revolves about the sun at a mean distance of **140,000,000 miles**, and the light and heat it receives from the sun is barely half of that received by this world. It must be, if the nebular hypothesis has any truth, older than our world; and long before this earth ceased to be molten, life upon its surface must have begun its course. The fact that it is scarcely one seventh of the volume of the earth must have accelerated its cooling to the temperature at which life could begin. It has air and water and all that is necessary for the support of animated existence.

Yet so vain is man, and so blinded by his vanity, that no writer, up to the very end of the nineteenth century, expressed any idea that intelligent life might have developed there far, or indeed at all,

beyond its earthly level. Nor was it generally understood that since Mars is older than our earth, with scarcely a quarter of the superficial area and remoter from the sun, it necessarily follows that it is not only more distant from time's beginning but nearer its end.

The secular cooling that must someday overtake our planet has already gone far indeed with our neighbour. Its physical condition is still largely a mystery, but we know now that even in its equatorial region the midday temperature barely approaches that of our coldest winter. Its air is much more attenuated than ours, its oceans have shrunk until they cover but a third of its surface, and as its slow seasons change huge snowcaps gather and melt about either pole and periodically inundate its temperate zones. That last stage of exhaustion, which to us is still incredibly remote, has become a present-day problem for the inhabitants of Mars. The immediate pressure of necessity has brightened their intellects, enlarged their powers, and hardened their hearts. And looking across space with instruments, and intelligences such as we have scarcely dreamed of, they see, at its nearest distance only 35,000,000 of miles sunward of them, a morning star of hope, our own warmer planet, green with vegetation and grey with water, with a cloudy atmosphere eloquent of fertility, with glimpses through its drifting cloud wisps of broad stretches of populous country and narrow, navy-crowded seas.

And we men, the creatures who inhabit this earth, must be to them at least as alien and lowly as are the monkeys and lemurs to us. The intellectual side of man already admits that life is an incessant struggle for existence, and it would seem that this too is the belief of the minds upon Mars. Their world is far gone in its cooling and this world is still crowded with life, but crowded only with what they regard as inferior animals. To carry warfare sunward is, indeed, their only escape from the destruction that, generation after generation, creeps upon them.

And before we judge of them too harshly we must remember what ruthless and utter destruction our own species has wrought, not only upon animals, such as the vanished bison and the dodo, but upon its inferior races. The Tasmanians, in spite of their human likeness, were entirely swept out of existence in a war of extermination waged by European immigrants, in the space of fifty years. Are we such apostles of mercy as to complain if the Martians warred in the same spirit?

The Martians seem to have calculated their descent with amazing subtlety—their mathematical learning is evidently far in excess of ours—and to have carried out their preparations with a well-nigh perfect unanimity. Had our instruments permitted it, we might have seen the gathering trouble far back in the nineteenth century. Men like Schiaparelli watched the red planet—it is odd, by-the-bye, that for countless centuries Mars has been the star of war—but failed to interpret the fluctuating appearances of the markings they mapped so well. All that time the Martians must have been getting ready.

During the opposition of 1894 a great light was seen on the illuminated part of the disk, first at the Lick Observatory, then by Perrotin of Nice, and then by other observers. English readers heard of it first in the issue of Nature dated August 2. I am inclined to think that this blaze may have been the casting of the huge gun, in the vast pit sunk into their planet, from which their shots were fired at

us. Peculiar markings, as yet unexplained, were seen near the site of that outbreak during the next two oppositions.

The storm burst upon us six years ago now. As Mars approached opposition, Lavelle of Java set the wires of the astronomical exchange palpitating with the amazing intelligence of a huge outbreak of incandescent gas upon the planet. It had occurred towards midnight of the twelfth; and the spectroscope, to which he had at once resorted, indicated a mass of flaming gas, chiefly hydrogen, moving with an enormous velocity towards this earth. This jet of fire had become invisible about a quarter past twelve. He compared it to a colossal puff of flame suddenly and violently squirted out of the planet, "*as flaming gases rushed out of a gun*."

A singularly appropriate phrase it proved. Yet the next day there was nothing of this in the papers except a little note in the Daily Telegraph, and the world went in ignorance of one of the gravest dangers that ever threatened the human race. I might not have heard of the eruption at all had I not met Ogilvy, the well-known astronomer, at Ottershaw. He was immensely excited at the news, and in the excess of his feelings invited me up to take a turn with him that night in a scrutiny of the red planet.

Question 21

Single correct

jRBZZADDRKv

Question 26

How did the people of the nineteenth century view the possibility of life on other planet?

A. They believed there was advanced life on all planets.

B. They mostly dismissed the idea or thought of it as improbable.

C. They were certain that life existed and had already made contact.

D. They had no opinion on the matter.

ANSWER

Question 22

8Z03k8TqaxO

Question 27

Single correct

Scenario at Question 26.

> Describe the physical condition of Mars as mentioned in the passage.
>
> Select the best answer

A. It is a planet with a temperature hotter than Earth's.

B. They mostly dismissed the idea or thought of it as improbable.

C. They were certain that life existed and had already made contact.

D. It is a planet identical in conditions to Earth.

ANSWER

Question 23

i8N0cBEejhI

Question 28

Single correct

Scenario at Question 26.

> What were the chances of anything coming from Mars?
>
> Select the best answer

A. 10:1

B. 100:1

C. 10,000:1

D. 100,000:1

E. 1,000,000:1

ANSWER

Question 24 - free text

74xBt836zaK
Question 29

Free text

Word count shown to candidate

Scenario at Question 26.

> Evaluate the representation of human complacency and underestimation of potential extraterrestrial life in H.G. Wells's **"War of the Worlds."** How does Wells use this narrative to provide commentary on human nature and societal arrogance?
>
> Type your answer below

YOUR ANSWER:

Audio Stem, MCQ

WNYfZUZZJ5H
Question 30

Single correct

Audio stem, available online: https://files.synap.ac/production/wh3gNudgz3/8NokqHqzkTc40C1wrHLUZ_medieval-folk-music--4f8f918301894bdb831705218ae1ea5a-.mp3

> Listen to the Audio recording, and select the era you think it is from.
>
> Note you can only listen to it once, so listen carefully

A. Medieval

B. Modern

C. Classic

ANSWER

Audio Stem, Audio Response

8tSBE4NSW7L

Question 31

Audio recording

Audio stem, available online: https://files.synap.ac/production/wh3gNudgz3/ombjAZWaMreekBQOZeQw7_Taylor-Swift--Korn-We-Are-Coming-Undone-copy.mp3

> Listen to the mashup, then tell us who the two artists are that have been used.
>
> Restrictions have been applied so you cannot re-record your answer

This question requires an audio recording as the response.

Video stem video response

dlS1ePQYljD

Question 32

Video recording

Video stem, available online: https://files.synap.ac/production/wh3gNudgz3/4olLVj6852NTrxD5A6XC1_Cab-Calloway-1933-Cartoon-of-St.-James-Infirmary-Blues.mp4

> Watch the video and describe the style of cartoon used
>
> You will only get one chance to record your response

This question requires a video recording as the response.
