



DEPARTMENT OF ENGLISH

SUPPLEMENTARY EXAMINATION: JULY 2020

COURSE: ENGLISH 1C

TIME: 3 HOURS

COURSE CODE: ENG0CA1 / ENGEXC1

MARKS: 100

EXAMINERS:

1. Dr C.D. Mpanza
Miss C. Nel

2. Dr S. Mngadi

THIS PAPER CONSISTS OF SEVEN (7) PAGES.

INSTRUCTIONS:

1. THIS PAPER CONSISTS OF TWO SECTIONS: SECTION A AND SECTION B.
2. YOU ARE REQUIRED TO ANSWER ALL THE QUESTIONS IN BOTH SECTIONS.

[SECTION A: 50 marks]

Read through the following texts and answer questions that follow.

The following two texts are about healthcare and the fourth industrial revolution. They were extracted from different types of publication. Read each text carefully and answer the questions that follow.

TEXT A**4IR technologies could make pandemic, disaster response more effective**

The top-of-mind COVID-19 pandemic has become a shining example of how a crisis can **escalate** out of control, with long-term impacts on economies and communities worldwide. The global public sector has been largely reactive rather than proactive in managing this pandemic, and South Africa appears to be following the international playbook in terms of the measures and messaging it has put in place. Globally, we are seeing the panic around coronavirus, which could've caused more long-term damage than the virus itself. While South Africa is following global best practice in dealing with the crisis, global best practice in healthcare is not successfully averting the impacts on markets and economies.

Ironically, we have at our disposal all the tools we need to more effectively manage crises and predict and mitigate the damage they cause. Fourth industrial revolution (4IR) technologies such as machine learning and artificial intelligence (AI), along with tools such as advanced big data analytics, the Internet of things (IOT) and geolocation systems, can be harnessed relatively quickly and easily to enable the public sector to manage disasters far more effectively.

Whether the threat facing a nation is a pandemic, natural disaster or civil unrest, we now have the capability to track how risk is developing in real-time; overlay current data with historical data on the progress and outcomes of similar events to predict how it will progress; and forecast its impact on society and the economy. Disaster response teams should be using AI and other 4IR tools, instead of relying on more conventional means, to identify potential infections and ensure the necessary infrastructure is in place ahead of an outbreak.

TEXT B**Fourth industrial revolution for development: the relevance of cloud federation in healthcare support**

Inefficient healthcare is a major concern among many African nations. It can be **mitigated** by building world-class infrastructure connecting different medical facilities for collaboration and resource sharing. Such infrastructure should support the exchange of medical data, enabling access to expertise not available locally. It should be equipped with technologies of the fourth industrial revolution, providing support to doctors thereby enabling African nations to progress from poorly equipped to medically prepared.

Sadly, world-class healthcare facilities are a missing piece in African public health ecosystems. Medical facilities are either non-existent or prohibitively expensive. Malnutrition, epidemic diseases and a high human mortality rate are common in many African countries. Many of these are associated with the high level of poverty and poor state of infrastructure, especially those related to health. However, there are a few countries in Africa with better than average or world-class healthcare facilities. Thus, an imbalance exists across African nations in terms of their healthcare. With respect to collaboration across nations, several solutions already exist particularly in the academic and research domain.

There are numerous benefits to the implementation of interconnected medical infrastructure which includes, the improvement of healthcare in Africa, cost savings for patients, cost savings for hospitals and the state, collaboration and teamwork among medical practitioners across Africa and finally, a reduction in mortality rate in developing countries.

In contrast, there are countless challenges that one would face through the implementation of a framework like the one previously mentioned. First, the cost is exorbitant of not only the purchasing and installation of the communication equipment, but also the cost of training and educating the staff that would use it. The final challenge presented is the **inherent** fear that humans have when presented with change. This will make health care practitioners reluctant to use the new framework hindering the effectiveness the collaboration efforts.

Governments, their policies, ethical considerations and a robust network all need to be considered to make this a useful and beneficial framework for healthcare in Africa.

QUESTION 1

[18 MARKS]

- 1.1 Which of the two texts would you expect to be published in:
- 1.1.1 An academic journal (1)
- 1.1.2 A newspaper/ news site (1)
- 1.2 Support your answers in question 1 (above) by giving TWO features that each text has which made you identify it as:
- 1.2.1 An academic journal (2)
- 1.2.2 A newspaper/news site (2)
- 1.3 Give TWO examples of discipline-specific terms used in Text B, paragraph 3. (4)
- 1.4 From Text B, paragraph 2, find ONE example of a linking word that indicates
- 1.4.1. Contrast (2)
- 1.4.2. Cause and effect (2)
- 1.5 Give a synonym for each of the linking words you gave in 1.4 above. (4)

QUESTION 2

[11 MARKS]

Use the context to explain the meaning of each of the following words/phrases **highlighted** in the texts.

- 2.1 Escalate (Text A, Paragraph 1) (2)
- 2.2 Mitigated (Text B, Paragraph 1) (2)
- 2.3 Inherent (Text B, Paragraph 4) (2)
- 2.4 What do the following pronouns, underlined in Text A and Text B, refer to?
- 2.4.1 we (Text A, Paragraph 2) (1)
- 2.4.2 our (Text A, Paragraph 3) (1)
- 2.4.3 It (Text B, Paragraph 1) (1)
- 2.4.4 their (Text B, Paragraph 2) (1)
- 2.4.5 that (Text B, Paragraph 4) (1)

QUESTION 3

[11 MARKS]

- 3.1 Find a contraction used in Text A and rewrite the contraction in full. (2)
- 3.2 Identify THREE words that are nominalised in Text A, paragraph 3, and indicate the root words from which each has been derived. (6)

3.3 In your own words, briefly explain what a lexically dense phrase is. (1)

3.4 Find one example, of a lexically dense phrase in Text A, paragraph 4. (2)

QUESTION 4

[10 MARKS]

4.1 Write a paragraph of between 8 and 10 sentences in which you explain the similarities and differences between Text A and Text B. (10)

Your paragraph must contain the following elements:

- A clear topic sentence that introduces the subject of your paragraph.
- Suitable supporting sentences that explain the similarities and differences between Text A and Text B.
- An appropriate concluding sentence.

END OF SECTION A [50 MARKS]

SECTION B [50 marks]

The following text was extracted from an academic source about the fourth industrial revolution and healthcare. Read the text carefully and answer the questions that follow.

(1) In the next decade, when the fourth industrial revolution era is in full swing, a variety of smart healthcare devices may be developed based on the technological progress in ICT (Information and Communications Technology) and AI (Artificial Intelligence) convergence. **(2)** New therapeutic and healthcare services utilizing these technologies will emerge. **(3)** It is correct to assume that the health conditions and quality of life of individuals will improve (Kruger & Viljoen, 2019). **(4)** However, it is essential that all new medical technology and services are evaluated for their effectiveness in healthcare systems in order to minimize potential risks. **(5)** The technical, clinical, and institutional strategies for healthcare requires rigorous verification and safeguards. **(6)** Additionally, a healthcare model needs to be developed that fits the needs of all members of society, including a legal and institutional support system. **(7)** Finally, acceptable principles should be developed to use health information while ensuring personal information is protected clearly. **(8)** In a nutshell, several social issues due to the fourth industrial revolution will change the paradigm of the medical system and have a strong impact on the health industry.

****Text adapted for examination purposes from: J.Y., Lee. and J.Y., Lim. *Annals of Geriatric Medicine and Research*, 21(3). (2017). The prospect of the fourth industrial revolution and home healthcare in super-aged society: 95-100.**

QUESTION 5

[22 MARKS]

- 5.1 What type of academic source is Text C? (2)
- 5.2 Write the reference entry for this source in the Harvard Referencing Style. (5)
- 5.3 What is title of this text? (2)
- 5.4 Sentence 2, in Text C appears on page 97 in the source listed above. How would you write: (4)
- 5.4.1. An integral citation for this sentence? (4)

5.4.2. A non-integral citation for this sentence? **(Write ONLY the citation. DO NOT rewrite the entire sentence.)** (4)

5.5 Sentence 3 cites information from a secondary source. How would you write a citation for this sentence? **(Write the correct citation ONLY. DO NOT rewrite the sentence.)** (5)

QUESTION 6

[16 MARKS]

6.1 Is sentence 3 an example of a positive or negative evaluation? (2)

6.2 Identify the word/phrase from the sentence that justifies your answer in 6.1 above. (2)

6.3 Find ONE example of an over-generalisation in Text C. (2)

6.4 Find ONE example of cautious language use in the text. (2)

6.5 Which word has been used to express a degree of caution in your answer in 6.4 above? (2)

6.6 Rewrite each of the following sentences in your own words.

6.6.1 It is correct to assume that the health conditions and quality of life of individuals will improve (Kruger & Viljoen, 2019). (3)

6.6.2 However, it is essential that all new medical technology and services are evaluated for their effectiveness in healthcare systems in order to minimize potential risks. (3)

QUESTION 7

[12 MARKS]

7.1 Give TWO disciplines in which you would expect Text C to be studied? (2)

7.2 What is the main argument made by the writer of the text? (2)

7.3 Identify any THREE reasons that have been given by the writer to support their argument. (6)

7.4 What is the main conclusion that the writer makes in this text? (2)

END OF SECTION B [50 MARKS]