**Name …………………………………….…. Index Number ………………….. …….Class......**

**Adm:.............................. Signature ……………**

**Date ……………………………………….**

**101/2**

**ENGLISH**

**Paper 2**

**(Comprehension, Literary**

**Appreciation and Grammar)**

**June, 2018**

**21/2 hours**

**KASSU JOINT EXAMINATION TEST**

**Kenya Certificate of Secondary Education**

**INSTRUCTIONS TO CANDIDATES**

*Write your* ***name, index number, class, admission number, signature and date*** *in the spaces provided above.*

*Answer* ***ALL*** *the questions in this question paper.*

*Write legibly and neatly*

*All answers must be written in the spaces provided in the question paper.*

**For examiner’s use only**

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| --- | --- | --- |
| ***Question*** | ***Maximum score*** | ***Candidate’s Score*** |
| ***1*** | ***20*** |  |
| ***2*** | ***25*** |  |
| ***3*** | ***20*** |  |
| ***4*** | ***15*** |  |
| ***Total*** | ***80*** |  |

***This paper consists of 11 printed pages***

***Candidates should check the question paper to ensure that all the***

***Pages are printed as indicated and that no questions are missing***

1. *Read the passage below and answer the questions that follow.* ***(20 marks)***

The core element of Artificial Intelligence (AI) and a functioning production IT system is an interactive, lifelong process of learning from the human partner and responding to human needs. For example, the AI system must be able to draw up highly complex plans as needed by the customer and to produce them **autonomously**. A production robot, in particular, is supposed to be designed in such a way that it has nearly human capabilities such as fine motor skills, perception, adaptability and cognition. In order to achieve its full functionality, however, it must be programmed dynamically and rigidly.

Modern information technologies and the advent of machines powered by artificial intelligence have already strongly influenced the world of work in the 21st century. Computers, algorithms and software simplify everyday tasks.

When we transfer the experience of the past to the future, disturbing questions arise: what will the future world of work look like and how long will it take to get there? Will the future world of work be a world where humans spend less time earning their livelihood? Alternatively, are mass unemployment, mass poverty and social distortions also a possible scenario for the new world, a world where robots, intelligent systems and algorithms play an increasingly central role? What is already clear and certain is that new technical developments will have a fundamental impact on the global labour market within the next few years, not just on industrial jobs but on the core of human tasks in the service sector that are considered **untouchable**.

In addition to companies, employees and societies, education systems and legislators are also facing the task of meeting the new challenges resulting from constantly advancing technology. Legislators are already lagging behind and the gap between reality and laws relating to AI is growing.

Both blue-collar and white-collar sectors will be affected. The faster the process of the division of labour and the more process steps can be described in detail, the sooner employees can be replaced by intelligent algorithms. One third of current jobs requiring a bachelor’s degree can be performed by machines or intelligent software in the future. Individual jobs will disappear completely, and new types of jobs will come into being.

Robots and intelligent machines can have not only supporting, but even lifesaving functions. Examples are robots used in medical diagnostics, which have high accuracy, or for the assessment of dangerous objects using remote control and integrated camera systems. These make it possible, for example, to defuse a bomb without a human having to come close to it. The ‘Robo Gas Inspector’, an inspection robot equipped with remote gas sensing technology, can inspect technical facilities even in hard-to-reach areas without putting humans at risk, for example, to detect leaks in above-ground and underground gas pipelines.

Owing to the great number of emerging multidisciplinary support alternatives due to AI and machines, the requirements for future employees will change. There will be hardly any need for employees who do simple and/or repetitive work. Already today, the number of factory workers is constantly decreasing, and humans are ever more becoming the control mechanism of the machine. The automotive industry, where many production steps are already fully automated, is the **pioneer** in this respect.

The lower the demand for workers, the higher will be the companies’ demand for highly qualified employees. According to common belief, better education helps. Better education helps, however, only in certain circumstances. The additional qualification of an individual employee must be connected to the work in question. Additional qualifications as an accountant will be of little benefit for the individual employee, because – over time – there is a 98 per cent probability that the work of an accountant can be done by intelligent software. Creative people who are talented in mathematics and sciences are best qualified for the new labour market.

Although not every future employee will be required to be an IT programmer, they should have a fundamental grasp of analytical and technical matters. Employees should be able to form a unit with supporting machines and algorithms and to navigate the internet comfortably and move safely in social networks. To do this, it is necessary to know how the basic structurework. The employee should also be able to examine machines and artificial intelligence software critically. It is not necessary only to oversee machines, but also to coordinate them. The interfaces between humans and machines and the overlaps in the area of responsibility among the more flexible humans must also be coordinated.

1. What is the importance of humans to AI systems? (2 marks)

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1. Using illustrations from the passage, explain why the term artificial intelligence is appropriate. (2 marks)

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1. The author seems to have contradictory views about the introduction of Artificial Intelligence in the workplace. Explain. (2 marks)

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1. In your own words and according to the passage, explain why the gap between reality and laws relating to AI is growing. (2 marks)

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1. What **two** characteristics, according to the passage, must an employee have to survive

in the new work environment dominated by AI? (2 marks)

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1. Giving a reason, explain whether machines are superior to humans when it comes to

work. (1 mark)

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1. Modern information technologies have already strongly influenced the world of work in

the 21st century. (Rewrite adding a question tag) (1 mark)

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h) Make notes on the implications of AI in the workplace. (5 marks)

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1. Explain the meanings of the following words as used in the passage. (3 marks)
2. Autonomously

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1. Untouchable

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1. Pioneer

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**2.** *Read the excerpt below and then answer the questions that follow.* **(25 marks)**

She liked that particular one so much that she asked him to read it again and again. Eventually she forgave herself – the last step in self-acceptance.

One day when Maria and her nephew, Owuor, happened to be alone, he broached the subject of his **vocation.**

“Maria, I think God is calling me to priesthood,” he said quietly. She was taken entirely by surprise.

“What?”

“I think God is calling me to priesthood.”

“Have you spoken to your grandmother?”

“No I thought I’d speak to you first. Actually it was Awiti’s idea. Besides, I was afraid that I might cause her pain.”

“You are so young – maybe you should wait a little.”

“Waiting will not make me change my mind. I know that I have no choice in the matter but I hate to do this to her.”

“Then I will speak to her about it; better still, you come with me and we will talk to her together.”

As usual they found Akoko busy weeding her sorghum patch. They simply brought down their hoes and joined in the work. Nothing was said for quite a spell then Akoko who well knew that at such an hour, her grandson was usually occupied elsewhere asked:

“What brings Owuor here at this hour – it can’t be for the love of weeding. He has had something on his mind for a long time and has been as jumpy as an ant with its tail in hot embers. Speak up young man.”

Owuor looked at his grandmother in confusion. Naturally he had thought that his secret was well kept. The confusion became respectful admiration. He should have known that nothing could escape this astute woman.

“Grandmother, you know that I have worked closely with the priest and I feel that I would like to enter the priesthood. I want to be a priest.” His grandmother was nothing if not surprising, so he should not have been **flabbergasted** by her reaction but he was.

“I wondered when you would get the courage to come out with it. You would not be my grandson if you were a coward. You have concluded quite wrongly that I will stand in your way. It is true that I have had hopes that you might one day sit in the chief’s stool that your father and your grandfather once occupied; but things have changed and people are turning to different things. I had also hoped that you would marry and provide many sons to ensure the continuity of the house of Owuor Kembo; but no I will not stand in your way. However, from now henceforth you shall fully take your grandfather’s name so that as long as you live his name shall be heard among the people. You will not be Owuor Sino, but Owuor Kembo. That is all my boy. Do whatever the spirit bids you.”

Owuor could only say weakly; “Oh grandmother!” the two women smiled at each other over his head.

And so it was that Peter Owuor Kembo, aged fifteen – formerly Petro Owuor Sino found himself a Seminarian at St. Paul’s Seminary Rakwaro. His worldly possessions were few, his academic knowledge haphazard; but he had faith in God and therefore in himself and he had love in his heart and the solid love of three women behind him. Finally he had unbound hope in the future. So what if this hope was rosily coloured by his youthful enthusiasm? One wise man once said that it was better to have loved and lost than never to have loved at all. In the same vein, it is better to have been buoyed by hope, the horizons limitless before one, than to have lived in the grey world of timid fearfulness. The course of the world is changed by those who dare to dream. Some dream of wealth and others dream of fame; Owuor dreamt of **a life expended in service**. He who had never really known his father or the joys of a father-son relationship, now dreamt of being the spiritual father of many.

1. Paraphrase the verse that has just been read by Owuor and explain what makes it likeable to Maria? (3 marks)

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1. Describe any **two** character traits of Akoko as brought out in the excerpt above. (4 marks)

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1. Identify and comment on the various forms of conflicts that Owuor and Akoko undergo.

(4 marks)

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1. “I had also hoped that you would marry and provide many sons to ensure the continuity of the house of Owuor Kembo…” In relation to what happens later in the novel, explain how the younger Owuor Kembo finally lives to fulfil his grandmother’s, Akoko’s, wish.

(3 marks)

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1. Identify and comment any **two** figures of speech present in the excerpt. (4 marks)

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1. “Eventually she forgave herself – the last step in self-acceptance.” With reference to Maria’s life before this excerpt, explain why she finally forgives herself? (2 marks)

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1. What is the significance of Owuor’s change of name twice in the excerpt? (2 marks)

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1. Explain the meaning of the following words and phrases as used in the excerpt. (3marks)
2. vocation ……………………………………………………………………………
3. flabbergasted ……………………………………………………………………….
4. a life expended in service …………………………………………………………..

*3. Read the poem below and answer the questions that follow.* **(20 marks)**

**Footpath**

Path – let … Leaving home, leading out

Return my mother to me.

The sun is sinking and darkness coming,

Hens and cocks are already inside and babies drowsing,

Return my mother to me.

We do not have firewood and I have not seen the lantern,

There is no more food and the water has run out

Path – let me pray, you return my mother to me.

Path of the small hills, path of the small stones

Path of slipperiness, path of the mud

Return my mother to me.

Path of papyrus, path of the rivers

Path of small forests, path of reeds

Return my mother to me

Path, I implore you, return my mother to me

Path of the crossways, path that branches off,

Path of the stringing shrubs, path of the bridge

Return my mother to me

Path of the open, path of the valley

Path of the steep climb, path of the downward slope

Return my mother to me.

Children are drowsing about to sleep,

Darkness is coming and there is no firewood,

And I have not found the lantern;

Return my mother to me.

***Stella Ngatho.***

1. Who is the persona in this poem? (2 marks)

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1. Identify and explain the effectiveness of any **two** stylistic devices. (6 marks)

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1. What is the **tone** of the poem? (2 marks)

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1. What is the **mood** of the poem? (2 marks)

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1. Comment on the title of the poem. (2 marks)

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1. With illustrations, briefly state **three** problems that the persona is facing. (3 marks)

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1. Describe the setting of this poem. (3 marks)

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**4.** *a)* ***Rewrite the following sentences as instructed, without changing the meaning. (2 marks)***

(i) Pandya said, “I shall find it difficult to find the office without proper directions.” (*Rewrite as* ***reported speech****, using* ***‘unless’****.)*

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(ii) Should Mrs. Okello see you, she would be surprised. *(Rewrite, Beginning:* ***Were*** *…)*

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*b) Complete the following sentences with the most appropriate* ***prepositions. (3marks)***

(i) Subsequent ……….....the heavy rains many schools were closed in some parts of the country.

(ii) The three students were sent home ……………………… their unbecoming behaviour.

(iii) The farmers continued working on their farms ………................... the unfavourable climatic conditions.

c) (i) I went into the room with a pile of files. I tripped on the carpet which had been rolled up. *Rewrite as one sentence, using a* ***present participle****.* (1 mark)

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(ii) Adela is not accustomed to such behaviour. She was deeply shocked. *(Use a* ***past participle*** *to join the two sentences.*  (1 mark)

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*d) Complete each of the following sentences using appropriate* ***phrasal verbs****, made up of the words given in bracket.* (2 marks)

(i) Eggs don’t ……………………................... me. (agree)

(ii) Can I ………………………….............. you for help? (count)

*f) In each of the sentences below a group of words is underlined. Write down the* ***best single word*** *which may be used to replace it.* (3 marks)

(ii) She is the one who filed the law suit.

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(iii) His argument is quite incapable of being understood.

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*e) Explain the difference in* ***meaning*** *between the pair of sentences.*

(a.i) I saw the Secretary and Treasurer.

(a.ii) I saw the Secretary and the Treasurer.

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(b.i) Jane shouldn’t have seen me yesterday.

(b.ii) Jane couldn’t have seen me yesterday.

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