



HIGHER EDUCATION PROGRAMME

Academic Year 2023:	July - December
Formative Assessment 1:	Praxis 1 (HPX100-1)
NQF Level, Credits:	5, 20
Weighting:	40%
Assessment Type:	Essay Questions
Educator:	C. Zhou
Examiners:	C. Zhou
Due Date:	8 September 2023
Total Marks:	100 marks

Instructions:

- This paper consists of four (4) compulsory questions
- A **Copyleaks Report** will be issued via ColCampus once the assignment is submitted. Please ensure that you follow the correct steps when uploading your assignment, to ensure that the Copyleaks Report is correctly issued. You should be working towards a similarity rating of 30% or less. Where a Copyleaks Cheat Detection Report is issued, your submission will automatically be treated as if you received a similarity rating in excess of 30%. Currently no marks will be deducted for a similarity rating that exceeds 30%.

Study Guide	Professional Skills for the Fourth Industrial Revolution: Unit 1 - 4
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Question 1**[30 marks]**

- 1.1 There is every reason to be optimistic about the fourth industrial revolution (4IR). Technology at the centre of the 4IR plays the role of fusing different domains in a way that impacts the human experience in every aspect. Despite all the optimism that the 4IR is associated with as far as the future is concerned, there are also some reservations that researchers, key business people and politicians commonly share. Discuss seven (7) key reservations that may limit the impact of the 4IR in certain economies. [14 marks]
- 1.2 As the technological landscape in South Africa is changing, citizens are responding to these advancements in different ways. The fourth industrial revolution (4IR) has resulted in more people migrating towards reliance on technology for economic activities. It is worth mentioning that people see the role of technology in different ways, which influences how they perceive what technology will achieve in the future. Discuss the three (3) approaches that explain citizens' perceptions on the role of technology in the future of South Africa. [9 marks]
- 1.3 The prospects of artificial intelligence (AI) are very promising. AI has the potential to revolutionise many industries, from healthcare and finance to transportation, manufacturing, and retail. AI can automate many mundane tasks and help businesses become more efficient and productive. AI can help companies better understand customer behaviours and develop more effective marketing strategies. AI can also help diagnose and treat diseases, predict and prevent natural disasters, and create more personalised products and services. However, the fact that AI lacks certain components of human intelligence cannot be ignored. Of particular note is AI's lack of emotions and empathy. Futurists have argued that AI-enabled devices have the potential to be more knowledgeable about a person's emotional state, something that has raised ethical questions. The organisation you work for is pondering using emotionally capable AI to evaluate their employees' performance. Identify seven (7) most important questions the organisation's leadership must consider before considering using emotionally capable AI. [7 marks]

Question 2**[35 marks]**

- 2.1 Inequality is an issue that has long been a challenge in our society and one that has only been exacerbated by the covid19 pandemic. South Africa has emerged as one of the most economically unequal countries in the world. In order to address inequality, there is a need for the government to implement policies and reforms that will reduce the levels of poverty and unemployment. In the fourth industrial revolution (4IR) era, give an account of the factors that need to be focused on to eradicate inequality in South Africa.[15 marks]
- 2.2 There is no doubt that the fourth industrial revolution (4IR) is here, and we are now navigating through the fifth industrial revolution. The 4IR has changed the workplace culture, ways of doing things, and how people relate in workspaces. Young South Africans must acquire various skills to navigate the new workspaces. Identify and explain ten (10) vital areas of skills that young South Africans must focus on that will enable them to navigate the 4IR inspired workplace easily. [20 marks]

Question 3**[24 marks]**

In the fourth industrial revolution (4IR) era, having an effective online presence is more important than ever. People increasingly use digital platforms to find information, connect with others, and do business. This means that having a robust online presence is essential for success in a digital world. However, it is also essential for one to be cognisant of their digital shadow. The digital shadow is the personal identity and data created and tracked on the Internet. Digital shadow includes information such as emails, social media posts, online purchases, and other online activities. Outline the elements (discuss eight) individuals should be cognisant of when interacting with content online to limit one's digital shadow and safely navigate the online space. [24 marks]

Question 4**[11 marks]**

Your friend has been invited to attend an interview for a post at a local bank. Like you, he has just completed his first qualification at a local university. He has asked you to advise him on how he should conduct himself in order for him to have a successful interview. Identify eleven (11) tips that your friend can follow that will help him succeed in the upcoming interview.

[11 marks]