1.3 Paper 1 skills: concepts, content and contexts

Name: _____ Class: _____ Date: _____ **Total: 30 marks**

KEY WORDS real-world example • impact • implication • stakeholder • facial recognition

Objective

Build the **Paper 1** skills: answer extended-response questions that combine a **concept**, a **content** area and a **context**, with a **real-world example** and an evaluation of **impacts and implications** .

You must be able to:

- unpack a question into concept, content and context
- choose and describe a real-world example in detail
- distinguish impacts from implications
- write an evaluation that weighs different stakeholders
- reach a supported conclusion

1 Key knowledge and worked examples

■ Unpacking a question

*"Evaluate the impact of facial recognition on **power** in **political** contexts."* Concept: power. Content: algorithms and data (facial recognition). Context: political. Command term: evaluate.

■ A good real-world example

Name **who**, **where**, **when**, **what system**, and **one number or detail**. "Some cities use cameras" is weak. "In 2019, San Francisco became the first large US city to ban the use of facial recognition by city agencies, including the police" is strong.

■ Impacts and implications

Impact: an effect that has happened, on a named **stakeholder** (a person or group affected). **Implication**: what might follow from it, for the future or for society. Strong answers give both, for more than one stakeholder.

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■ **Paragraph frame**

Claim → concept → example with detail → impact on a stakeholder → implication → counter-point → mini-judgement.

Worked paragraph. "Facial recognition can shift **power** from citizens to the state. In 2019, San Francisco banned city agencies from using it, after campaigners argued it could track protesters (example). The impact was that police lost a tool; the implication is that cities can set limits on surveillance, though federal agencies were not covered (counter-point)."

2 Practice

2.1 Unpack this question: "Discuss the implications of artificial intelligence for **identity** in **cultural** contexts." Name the concept, the content and the context. [2]

2.2 Rewrite this weak example as a strong one: "Social media changed elections." [3]

2.3 Distinguish an **impact** from an **implication**, using the example of a school that moves all homework online. [4]



2.4 Identify **three** stakeholders affected by delivery-app algorithms that assign jobs to riders, and explain **one** impact on each. [6]

3 Exam-style questions

3.1 *(Paper 1 style.)* Evaluate the impact of **facial recognition** on **power** in **political** contexts. [10]

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3.2 *(Paper 1 style.)* With reference to **one** real-world example, explain **two** implications of **data** collection for **identity** in **social** contexts. [5]

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Solutions

Marking: **M1** a correct method, **A1** the correct answer, **B1** an independent mark.

Each answer shows the steps, then the **result**.

2.1

concept: identity; context: cultural; content: artificial intelligence; command term: discuss

2.2

a named platform, organization or event; a place and a date; a specific detail or number, e.g. "In 2018 it was revealed that Cambridge Analytica had gathered data from up to 87 million Facebook profiles, which was used for political advertising."

2.3

impact: an effect that has happened on a stakeholder, e.g. students without home internet cannot complete homework; implication: what might follow, e.g. the gap in results between rich and poor students may widen over time

2.4

for each of three stakeholders: named with a clear impact; e.g. riders: pay and hours set by an algorithm they cannot see; customers: faster, cheaper delivery; restaurants: more orders but high commission; the platform company: control and profit; cities: more traffic and road safety risks

3.1

Mark with the markbands: [9-10] focused on the question, accurate content, a real-world example in detail, concepts used, impacts and implications weighed, a reasoned conclusion; [6-8] mostly focused, a relevant example, some analysis of impacts; [3-5] some relevant knowledge, mostly description; [1-2] little understanding. Points that may be included: explains facial recognition in outline; a real-world example in detail, e.g. San Francisco's ban (2019); police use in other cities; impact on the state: a powerful tool to find suspects; impact on citizens: privacy and freedom of assembly at risk; tracking of protesters; errors and bias against some groups; implications: chilling effect on protest; laws and bans; a reasoned conclusion

3.2

a real-world example in detail, e.g. advertising profiles, social media data, school learning apps; first implication explained with the concept of identity, e.g. people are sorted into categories that shape the ads and content they see; second implication explained, e.g. people change how they present themselves because they know they are watched