

Section A

Answer **two** questions from this section. Each question is worth [20 marks].

1. Monitoring online activity

Adults are increasingly using digital services to monitor the online activities of young people. The goal of these services is to provide useful data that will protect young people from online threats and dangers.

Companies that develop these services often promote the following features, which may be adjusted and personalized by those monitoring young people:

- Restricting internet browsing by denying access to websites that may contain objectionable content.
- Background monitoring that sends an alert when specific words or phrases appear in social media posts and private messages.
- A searchable history of online activity, including access to all texts, website visits and application (app) usage on a young person's mobile device, tablet or computer.

Many of these services are invisible to young people and other users, so they do not always know they are being monitored.

- (a) (i) Identify **two** types of data that might be collected by these digital services. [2]
- (ii) Describe **two** contexts in which collecting data about online activity may lead to privacy concerns for young people. [4]
- (b) (i) Suggest a security measure that these digital services might implement to protect the data that they collect. [3]
- (ii) Explain **one** possible impact for young people associated with these digital services. [3]
- (c) To what extent is it acceptable for adults to use digital services to monitor the online activities of young people? [8]