10	**One** mark for identifying a protocol and **one** mark for stating its purpose MP1 Handshake protocol MP2 To establish a secure and reliable connection between two devices, systems or networks // Permits the web server and client to authenticate each other to make use of encryption algorithms MP3 Record protocol MP4 Provides a secure and reliable way to send and receive data over a network // To exchange records between the client and server // Responsible for securing application data end ensuring its integrity and authenticity during transmission // Encrypts and authenticates data exchanged between a client and a server // Deals with the format for data transmission.

7	**One** mark for each correct marking point (**Max 4**) MP1 An SSL/TLS connection is initiated by an application/client. MP2 Every new session begins with a handshake as defined by the SSL/TLS protocols. MP3 The client requests the digital certificate from the server // The server sends the digital certificate to the client. MP4 The client verifies the server's digital certificate MP5 … and obtains the server's public key. MP6 The encryption algorithms are agreed. // The symmetric session keys are generated/defined. MP7 A secure session is established between client and server.