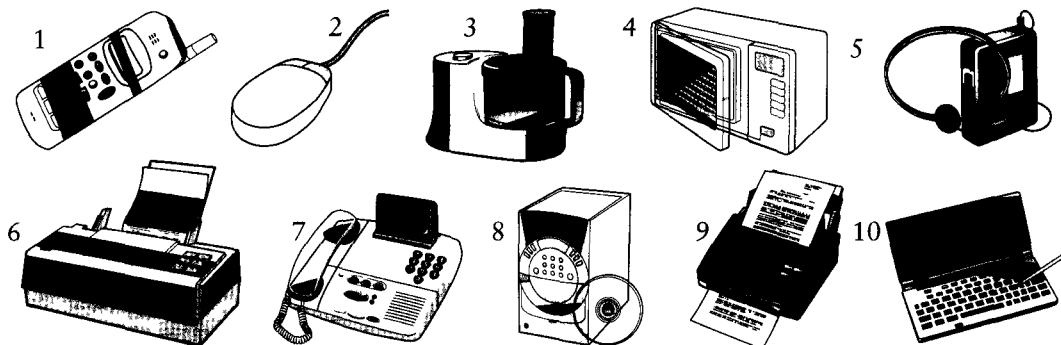


48 Science and technology

48.1 Name these modern inventions.

10 marks



48.2 Complete this table.

16 marks

Science	Subject of study	Scientist
genetic engineering	manipulation of DNA	genetic engineer
molecular biology		
bioclimatology		
astrophysics		
cybernetics		
information technology		
ergonomics		
genetics		
civil engineering		

48.3 Complete the sentence by forming a word from the root in brackets at the end of the sentence. Use a dictionary if you need to.

14 marks

Example: When you have finished your dissection please turn to page 55. (dissect)

- 1 I came to the that the theory was incorrect. (conclude)
- 2 Researchers must first make a careful of the problem. (analyse)
- 3 Fleming was responsible for the of penicillin. (discover)
- 4 The of the earth on its axis causes night and day. (rotate)
- 5 The of these two gases can be dangerous. (combine)
- 6 The scientist carried out many (experiment)
- 7 Joe is a systems (analyse)
- 8 We owe a great deal to the of the steam engine. (invent)
- 9 The of the steam engine was James Watt. (invent)
- 10 You must take out a on this idea. (patent)
- 11 There was a violent when the chemical was added. (react)
- 12 Scientists have to (theory)
- 13 They also have to (hypothesis)
- 14 Don't forget to switch on the video (record)

Your score

/40