Part 1: Questions 1-10
Complete the form below. Write ONE WORD OR A NUMBER.

(1) ................
(2) ................
(3) ................
(4) ................
(5) ................
(6) ................
(7) ................
(8) ................
(9) ................
(10) ..............

Part 2: Questions 11-13
Choose the correct letter A, B or C.

Traffic Changes in Granford
11. Why are changes needed to traffic systems in Granford?
   A The number of traffic accidents has risen.
   B The amount of traffic on the roads has increased.
   C The types of vehicles on the roads have changed.
12. In a survey, local residents particularly complained about
A dangerous driving by parents.
B pollution from trucks and lorries.
C inconvenience from parked cars.

13. According to the speaker, one problem with the new regulations will be
A raising money to pay for them.
B finding a way to make people follow them.
C getting the support of the police.

Questions
14-20
Label the map below.
Write the correct letter A-I next to questions 14-20.

14. New traffic lights

15. Pedestrian crossing

16. Parking allowed

17. New 'no parking' sign

18. New disabled parking spaces

19. Widened pavement

20. Lorry loading/unloading restrictions
Part 3: Questions 21-25

Choose the correct letter A, B or C.

21. Why is Jack interested in investigating seed germination?
   A He may do a module on a related topic later on
   B He wants to have a career in plant science
   C He is thinking of choosing this topic for his dissertation

22. Jack and Emma agree the main advantage of their present experiment is that it can be
   A described very easily
   B carried out inside the laboratory
   C completed in the time available

23. What do they decide to check with their tutor?
   A whether their aim is appropriate
   B whether anyone else has chosen this topic
   C whether the assignment contributes to their final grade

24. They agree that Grave’s book on seed germination is disappointing because
   A it fails to cover recent advances in seed science
   B the content is irrelevant for them
   C its focus is very theoretical

25. What does Jack say about the article on seed germination by Lee Hall?
   A the diagrams of plant development are useful
   B the analysis of seed germination statistics is thorough
   C the findings on seed germination after fires are surprising

Questions 26-30

Complete the flow chart below. Choose FIVE answers from the box and
write the correct letter A-H next to questions 26-30.

(26) ..................  (27) .................
(28) ..................  (29) .................
(30) .................

Part 4: Questions 31-40.
Complete the notes below. Write ONE WORD ONLY for each answer.

Effects of urban environment on animals
Introduction
Recent urban developments represent massive environmental changes. It was previously thought that only a few animals were suitable for city life e.g.
• The (31) ................. Because of its general adaptability
• The pigeon – because walls of city buildings are similar to (32) .................
  In fact, many urban animals are adapting with unusual (33) .................

Recent research
• Emilie Snell-Rood studied urbanized mammal specimens from museums in Minnesota
  o She found the size of their (34) .................. had increased
  o She suggests this may be due to the need to locate new sources of (35) .................. and to deal with new dangers
• Catarina Miranda focused on the (36) ................................ of urban and rural blackbirds.
  o She found urban birds were often braver but were afraid of situations that were
    (37) ...........................
• Jonathan Atwell studies how animals respond to urban environments
  o He found that some animals respond to (38) ...................... by producing lower levels of hormones.
• Sarah Partan’s team found urban squirrels use their (39) ................. to help them communicate

**Long-term possibilities**

Species of animals may develop which are unique to cities. However, some changes may not be (40) ......................