

39. *Revision Test*

1. How does PERFORM work ? (lesson 21)
2. Fill the gap in the following sentence. 'The name of a _____ normally follows PERFORM.'
3. What is meant by a Sequence ? (22)
4. Draw a structure diagram which shows a task which breaks down into a sequence.
5. What COBOL commands might you use when writing the program code for a task which breaks down into a sequence ? (23)
6. Give an example of using PERFORM TIMES (24)
7. Give an example of using PERFORMUNTIL (25)
8. Given the command PERFORM PARA-1 UNTIL X = 10 - will PARA-1 be carried out when X reaches 10 ?
9. What is meant by an Iteration ? (26)
10. Give an example of a structure diagram which shows a task which breaks down into an iteration. (26)
11. What COBOL commands might you use when writing the program code for a task which breaks down into an iteration ? (27)
12. What is the difference between: (30)
 - a) IF X = 1 PERFORM PARA-1
PERFORM PARA-2.
 - and
 - b) IF X = 1 PERFORM PARA-1.
PERFORM PARA-2.Could the way the statements are set out make the difference clearer ?
13. Explain the following command: (31)

```
IF MARK < 5  
  MOVE 'FAIL' TO GRADE  
ELSE  
  IF MARK < 7  
    MOVE 'PASS' TO GRADE  
  ELSE  
    MOVE 'MERIT' TO GRADE.
```
14. What is meant by a Selection ? (32)
15. Give an example of a structure diagram which shows a task which breaks down into a selection.
16. What COBOL commands would you need to use when writing the program code for a task which breaks down into a selection ? (33)
17. What might the problems be in using GO TO a great deal in a program ? (38)
18. Code the following without using GO TO.

```
PARA-1.  
  DISPLAY 'KEY IN A NUMBER ' ACCEPT NUMBER-  
  CHOSEN.  
PARA-2.  
  DISPLAY 'HELLO'.  
  SUBTRACT 1 FROM NUMBER-CHOSEN.  
  IF NUMBER-CHOSEN NOT = 0  
    GO TO PARA-2.
```