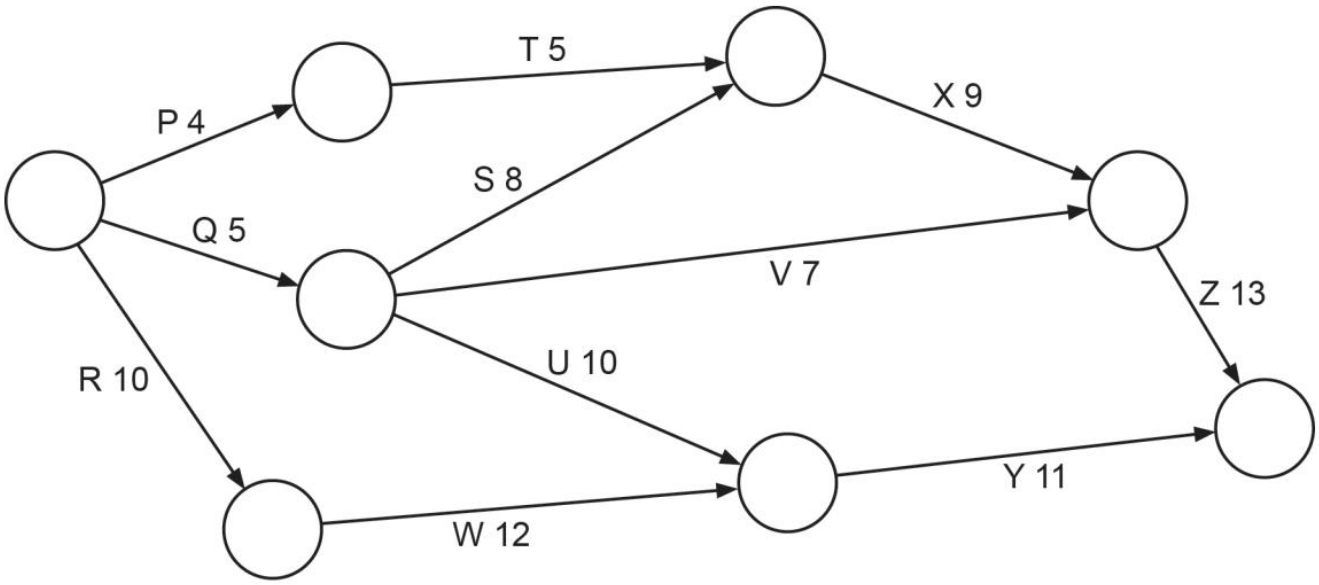
Question 2 **(7 marks)**

A project consists of 11 activities, P to Z. The project network representing the scheduling of these activities is shown below. The times are in days.



(a) State the critical path and the minimum completion time for this project. (2 marks)

(b) Determine the:

(i) earliest starting time for activity Y. (1 mark)

(ii) latest starting time for activity V. (1 mark)

(iii) float time for activity U. (1 mark)

(c) Activity W is delayed by three days. How, if at all, will this affect the critical path and minimum completion time for this project? A copy of the network is given below. (2 marks)