







Answer the following questions in one or two sentences: (4 × 2 = 8)

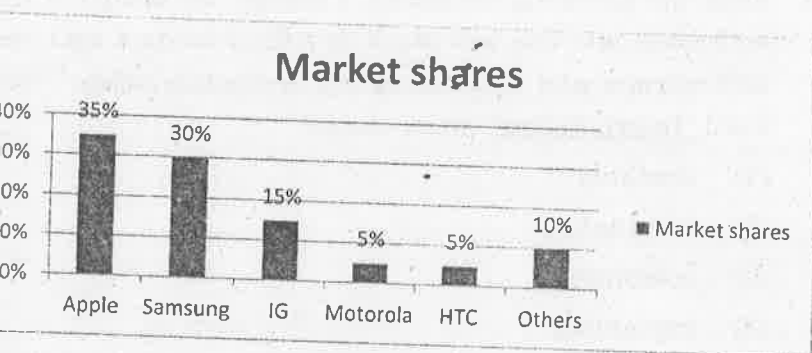
- (i) What are softbots? Why are they used?
- (ii) After scientists have a number of ideas about robot movement in mind, what types of tests do they then perform?
- (iii) How have the scientists designed robots in a new way?
- (iv) What is the advantage of the robot like a little guy who looks like an open jack-in-the-box?

Write Eight Instructions that could be given to students appearing for a placement interview. (16)

Or

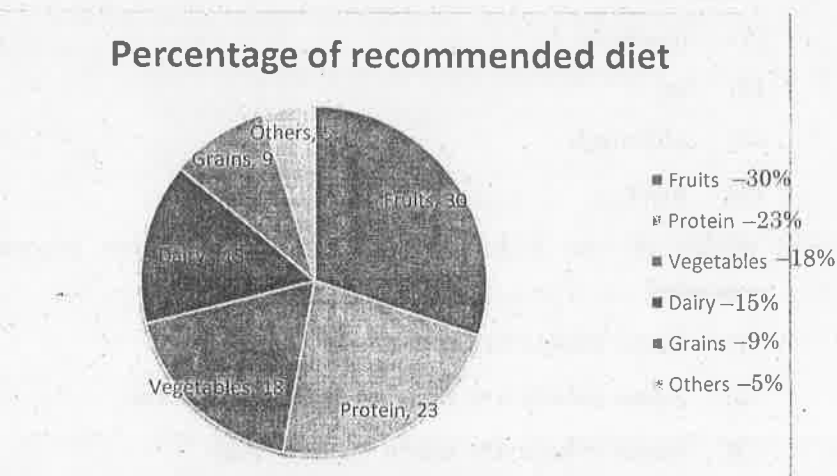
Write Eight Recommendations that the two wheeler riders should follow to avoid accidents. (16)

The market shares of the Smart phones of the popular brands are given. Describe the data, analyse and interpret the data in 150 words. (16)



Or

The recommended diet to be taken everyday by an adult is given. Read the data and interpret it. Write your recommendation. (16)



- 14. (a) You took part in the cultural programme conducted by your college. Write a letter to your friend about the experience and how it was motivating and encouraging to you as a student of engineering course. (16)

Or

- (b) The drainage near your house is overflowing. Write a letter to the Chairman of your municipality to set the problem right before the monsoons. (16)

- 15. (a) Write an essay on the following topic, "The prices of essential commodities are increasing higher everyday". Analyse the problem and offer suitable solutions. (16)

Or

- (b) Write an essay of 250 words on the following topic "Obsession of the youth to cricket." Write about the causes and the effects of it. (16)

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