

- Q.4. What factors would influence the choice of multistory buildings for manufacturing industry? Give a list of industries located in India for which such buildings are preferable or essential.
- Q.5. In estimating standard time of job, what different elements of time are considered? Describe how can the fatigue factor be minimized?
- Q.6. What is value analysis? What are its objectives? How does value engineering differ from it?

SECTION-C

- Q.7 (a) What are the various factors required to be considered in designing a workstation?
(b) What are the controls and how are they related to displays? Explain the criteria for the design of control.
- Q.8. (a) Define "Method Study". Explain in detail the various steps involved in systematic methods of improvement,
(b) State principles of motion-economy as related to human body. What is the significance of these principles for a method study practitioner?
- Q.9 (a) Discuss the factors affecting the selection of materials handling equipment in a production shop.
(b) Sketch a typical layout of an automobile repair shop where you get your car for repair, routine check up, maintenance and servicing.