TE. (BM)-) (Sem VI) (Rev) Dec. 07/ 6iomechanica 13/12/07

## [REVISED COURSE]

CD-5610

: 100

Assume suitable data wherever in Draw sketches / diagrams where	of remaining six questions. marks. necessary. ever necessary.	
e importance of each stage in the	mal human gait cycle. Also i cycle.	mention [20]
Explain using block diagram of A explain using block diagram of H	rtificial Kidney. eart Lung machine.	[10] [10]
sed and when it works.		it is to be [10] [10]
plain Below elbow orthosis using plain Above knee prothesis using	g suitable diagram. g suitable diagram.	[10] [10]
in the different kinds of levers ex th type of lever.	kisting in our body and site or	ne example [20]
short notes on: Cardiac assist device. Jaipur foot.	<ul><li>(ii) Hand splits.</li><li>(iv) Plastics in P &amp; O.</li></ul>	[20]
e short notes on : Corrective braces. Heart Valves.	<ul><li>(ii) Cervical collar.</li><li>(iv) Patient Rehabilitation.</li></ul>	[20]
	Attempt any four questions out Figures to the right indicate full Assume suitable data wherever to Draw sketches / diagrams where Use legible handwriting. Use blook legible handwriting. Use blook plain using suitable diagram nor ne importance of each stage in the Explain using block diagram of A Explain using block diagram of Hexplain using block diagram of Hexplain one spinal orthotic appliant sed and when it works. Explain different transducers used explain Below elbow orthosis using a splain Above knee prothesis using the different kinds of levers exch type of lever.  Explain the different kinds of levers exch type of lever.  Explain the different kinds of levers exch type of lever.  Explain the different kinds of levers exch type of lever.  Explain the different kinds of levers exch type of lever.  Explain the different kinds of levers exch type of lever.  Explain the different kinds of levers exch type of lever.	Attempt any four questions out of remaining six questions. Figures to the right indicate full marks. Assume suitable data wherever necessary. Draw sketches / diagrams wherever necessary. Use legible handwriting. Use blue / black ink.  xplain using suitable diagram normal human gait cycle. Also be importance of each stage in the cycle.  Explain using block diagram of Artificial Kidney.  Explain using block diagram of Heart Lung machine.  xplain one spinal orthotic appliance, indicate conditions, where sed and when it works.  Explain different transducers used in P & O  xplain Below elbow orthosis using suitable diagram.  xplain Above knee prothesis using suitable diagram.  ain the different kinds of levers existing in our body and site of type of lever.  e short notes on: Cardiac assist device. Jaipur foot.  Ci) Plastics in P & O.