

III - S - BPT/BOT -
(Biomechanics & Kinesiology) - (Back)

2024

Full Marks - 100

Time - As in the Programme

The figure in the right hand margin indicates marks.

Answer all questions

Answer any FIVE :

[20 ×5

1. Describe different force systems and discuss its effect on a standing object with diagram.
2. Biomechanics of lumbar spine.
3. Describe arches of foot and discuss supination & pronation and its importance in locomotion.
4. Write down normal human locomotion with line diagram ?
5. Write an essay on posture ?

[Cont....

6. Short notes (Any FOUR) :

- (a) Mobility & stability of hip joint
- (b) Stability & mobility of elbow joint
- (c) Stability
- (d) Standing on toe as lever
- (e) Muscle work during standing to sitting
- (f) Nodding of head as lever.



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