

[LP 0819]

AUGUST 2019

Sub. Code: 2442

**BACHELOR IN PROSTHETICS AND ORTHOTICS**

**FOURTH YEAR**

**PAPER II – ORTHOTIC SCIENCE – IV**

*Q.P. Code: 802442*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Explain about C TLSO.
2. Charleston bending brace and its biomechanics function.
3. Cheneau brace.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Brace for compression fracture of lumber spine.
2. Rigid braces for lower back pain.
3. Cow horn brace.
4. Brace for scoliotic curve at T6.
5. Inter vertebral disc function.
6. Two and four posters.
7. Jewett brace.
8. Check out procedure of C TLSO.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Spondylolisthesis.
2. Biomechanics of LS corset.
3. Knight brace.
4. Soft collar.
5. Lumbo sacral spine.
6. Neck traction.
7. Chair back orthosis.
8. Coccyx pillow.
9. Swivel walker.
10. Primary curve and secondary curve.

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