

[LK 0217]

FEBRUARY 2017

Sub. Code :2442

**B.Sc. 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 Cervical two Poster Appliance.
2. Biomechanics of Knight Taylor Brace.
3. Explain about Orthotic Management of Kyphosis.

II. Write notes on:

(8 x 5 = 40)

1. Explain about Pelvic Girdle.
2. How to measure Cobb's Angle?
3. Explain about Intervertebral Disc.
4. Biomechanics of Cow horn brace.
5. Milwaukee Brace Parts and functions.
6. Explain about Lordosis.
7. Explain briefly about Thoracic Cage.
8. Boston Brace Trim lines.

III. Short answers on:

(10 x 3 = 30)

1. Corsets Placement and functions.
2. What is Scoliosis?
3. Cervical collar Measurements.
4. Parts of Cervical Halo Brace.
5. Pelvic Girdle.
6. Cervical Four Post Appliance functions.
7. What is Spina Bifida?
8. Thoracic Band Alignment and Location.
9. Shoulder Girdle.
10. What is Sternal Pad?
