

XX. *Third Professional Examination :—*

1. Heat Engines II. (One paper.)
2. Hydraulics and Pneumatics. (One paper.)
3. Theory of Workshop Practice. (One paper.)
4. Engineering Drawing and Design II (Mech.). (One paper.)
5. One of the following :—
 - Naval Architecture and Marine Engineering. (One paper.)
 - Production Engineering and Works Management. (One paper.)
 - Engineering Applied to Arts and Manufacture. (One paper.)
 - Automotive Engineering. (One paper.)
 - Aeronautical Engineering. (One paper.)

B. *Bachelor of Engineering—Electrical*

First Professional as for B.E. (Mech.).

XXI. *Second Professional Examination :—*

1. Engineering Mathematics III. (One paper.)
2. Heat Engines (one paper) or Theory of Structures I (one paper.)
3. Electrical Engineering I. (One paper.)
4. Strength of Materials in Construction. (One paper.)
5. Engineering Drawing and Design I. (Two papers.)

XXII. *Third Professional Examination :—*

1. Hydraulics and Pneumatics. (One paper.)
2. Theory of Workshop Practice. (One paper.)
3. Engineering Drawing and Design II (Elect.). (One paper.)
4. Electrical Engineering II. (Two papers.)

C. *Bachelor of Engineering—Civil*

First Professional as for B.E. (Mech.).

XXIII. *Second Professional Examination :—*

1. Engineering Mathematics III. (One paper.)
2. Surveying II. (One paper.)
3. Applied Electricity. (One paper.)
4. Strength of Materials in Construction. (One paper.)
5. Theory of Structures I. (One paper.)
6. Engineering Drawing and Design I. (Two papers.)

XXIV. *Third Professional Examination :—*

1. Hydraulics and Pneumatics. (One paper.)
2. Engineering Drawing and Design II (Civil). (One paper.)
3. Principles of Civil Engineering. (Two papers.)
4. Surveying III (one paper) or Theory of Structures II (one paper.)
5. Physical Geology. (One paper.)

D. *Bachelor of Engineering—Chemical*

First Professional Examination as for B.E. (Mech.)

XXV. *Second Professional Examination :—*

1. Engineering Mathematics III. (One paper.)
2. Applied Electricity. (One paper.)
3. Strength of Materials. (One paper.)
4. Engineering Drawing and Design I. (Two papers.)
5. Theory of Workshop Practice. (One paper.)
6. Chemistry II, as for B.A. (Two papers.)

XXVI. *Third Professional Examination :—*

1. Heat Engines. (One paper.)
2. Chemistry III, as for B.A. (Three papers.)
3. Applied Chemistry, as for B.Sc. (Two papers.)
4. Elementary Economic Geology. (One paper.)

XXVII. *Fourth Professional Examination :—*

1. Advanced Applied Chemistry. (Two papers.)
2. Hydraulics and Pneumatics. (One paper.)
3. Engineering Drawing and Design II (Mech.). (One paper.)
4. Industrial Microbiology. (One paper.)