

Nirmala Memorial Foundation Junior College of Commerce and Science

FYJC – SCIENCE

BIFOCAL SUBJECT - *ELECTRONICS*

SYLLABUS FOR

ELECTRONICS 1 AND ELECTRONICS 2:

Total Marks – 200

Electronics I – Basic Electricity

1. Sources of Electrical Power and Network Theorems
2. AC Fundamentals and Circuits
3. Instruments
4. Study of components

Electronics II – Semiconductor Devices

1. Semiconductors
2. Study of Transistors
3. Study of Semiconductor Components
4. Amplifiers
5. Oscillators

PAPER PATTERN FOR
ELECTRONICS 1 AND ELECTRONICS 2

Total Marks: 50

Time: 3 hours

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|---|-------------|
| Q1. A. Select the correct alternative and rewrite the sentence. | 1*4=4 Marks |
| Q1. B. Answer any two of the following. | 2*3=6 Marks |
| Q2. A. Answer any two of the following. | 2*3=6 Marks |
| Q2. B Answer any one of the following. . | 1*4=4 Marks |
| Q3. A. Answer any two of the following. | 2*3=6 Marks |
| Q3. B Answer any one of the following. . | 1*4=4 Marks |
| Q4. A. Answer any two of the following. | 2*3=6 Marks |
| Q4. B Answer any one of the following. . | 1*4=4 Marks |
| Q5. A. Answer any two of the following. | 2*3=6 Marks |
| Q5. B Answer any one of the following. . | 1*4=4 Marks |