

Central College Campus, Bengaluru-560 001.

Question Paper Pattern for Discipline Specific Core (DSC) Theory and Practical
Paper : Electronics (UG) as per NEP 2020 curriculum for ALL semesters

➤ Theory Paper Electronics (UG) as per NEP 2020 curriculum for ALL semesters

Subject: ELECTRONICS

Paper Title:

Instructions: Answer all the questions from Part-A, any FOUR questions from Part-B and any FOUR questions from Part-C.

Note: Answer all the questions of Part-A in any one page and to be answered only once. *In this Part, answering the same question multiple times will not be considered for Evaluation.*

PART - A

1. Answer ALL the subdivisions (Multiple Choice Questions)

12×1 = 12

- | | | | | |
|-------|----|----|----|----|
| i) | a) | b) | c) | d) |
| ii) | a) | b) | c) | d) |
| iii) | a) | b) | c) | d) |
| iv) | a) | b) | c) | d) |
| v) | a) | b) | c) | d) |
| vi) | a) | b) | c) | d) |
| vii) | a) | b) | c) | d) |
| viii) | a) | b) | c) | d) |
| ix) | a) | b) | c) | d) |
| x) | a) | b) | c) | d) |
| xi) | a) | b) | c) | d) |
| xii) | a) | b) | c) | d) |

7/1/22

PART – B

Answer any **FOUR** questions.

4×7 = 28

- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

PART – C

Answer any **FOUR** questions

4×5 = 20

- 8.
- 9.
- 10.
- 11.
- 12.
- 13.

• Internal Theory Marks allotment - 40 Marks:

Sl. No	Particulars	IA Marks
1	Attendance	05
2	Internal Tests (Minimum of Two)	15
3	Assignments /Seminar /Case Study /Project work / Reports on - visits to industries /exhibitions/science centre's / active participation in Electronics competitions, etc	20
Total Theory IA Marks		40

X

➤ Practical Paper Electronics (UG) as per NEP 2020 curriculum for ALL semesters

Subject: ELECTRONICS

Paper Title:

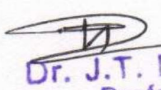
❖ In each Semester / Paper **Minimum of 8 experiments** to be performed

❖ Practical Examination-**25 Marks**: Scheme

Sl. No.	Particulars	Marks
1	Write up:- Circuit diagram, Tabular column and Formulae	07
2	Conduction, Tabulation and Result	10
3	Viva	03
Total		20
4	Practical Record Book	05
Grand Total Marks		25

• Internal Practical Marks Allotment -25 Marks:

Sl. No	Particulars	IA Marks
1	Attendance	05
2	Practical Tests	10
3	Active participation in Performing Experiments and Viva	10
Total Practical IA Marks		25


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Question Paper Pattern for Open Elective (OE) Paper: Electronics (UG).

Subject: ELECTRONICS

Paper Title:

Instructions: Answer all the questions from Part-A, any TEN questions from Part-B and any FOUR questions from Part-C.

Note: Answer all the questions of Part-A in any one page and to be answered only once. *In this Part, answering the same question multiple times will not be considered for Evaluation.*

PART - A

1. Answer all the subdivisions (Multiple Choice Questions)

20×1 = 20

- i) a) b) c) d)
- ii) a) b) c) d)
- iii) a) b) c) d)
- iv) a) b) c) d)
- v) a) b) c) d)
- vi) a) b) c) d)
- vii) a) b) c) d)
- viii) a) b) c) d)
- ix) a) b) c) d)
- x) a) b) c) d)
- xi) a) b) c) d)
- xii) a) b) c) d)

- xiii) a) b) c) d)
xiv) a) b) c) d)
xv) a) b) c) d)
xvi) a) b) c) d)
xvii) a) b) c) d)
xviii) a) b) c) d)
xix) a) b) c) d)
xx) a) b) c) d)

PART - B

Answer any TEN questions.

10×2 = 20

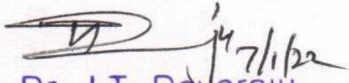
2. 10
3. 11
4. 12
5. 13
6. 14
7. 15
8.
9.
16.

PART - C

Answer any FOUR questions

4×5 = 20

17.
18.
19.
20.
21.
22.


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