

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) |

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## 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.

-----X-----

• **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
<b>Total Theory IA Marks</b>		<b>40</b>

-----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
<b>Total</b>		<b>20</b>
4	Practical Record Book	05
<b>Grand Total Marks</b>		<b>25</b>

• **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
<b>Total Practical IA Marks</b>		<b>25</b>

  
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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

10×2 = 20

Answer any TEN questions.


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

PART - C

4×5 = 20

Answer any FOUR questions

17.  
18.  
19.  
20  
21.  
22.

  
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