

P.R. Government College (A), Kakinada

Blue print for the model paper – Physics

Semester End External Examination

For I & II year core courses

2022 – 2023

S. No.	Type of question	Given in the Question paper			To be answered		
		Questions	marks allotted To each question	Total marks	Questions	marks allotted To each question	Total marks
1	Section – A Essay question	6	10	60	3	10	30
2	Section – B Short answer Question	7	5	35	4	5	20
TOTAL		13		95	07		50

$$\text{Percentage of Choice given} = \frac{95-50}{95} \times 100$$

$$= \frac{45}{95} \times 100 = 47.4 \%$$

Semester End External examination

For III year core courses 2022 – 2023

S. No.	Type of question	Given in the Question paper			To be answered		
		Questions	allotted To each question	Total marks	Questions	allotted To each question	Total marks
1	Section – A Essay question	6	10	60	3	10	30
2	Section – B Short answer Question	12	5	60	6	5	30
TOTAL		18		120	9		60

$$\text{Percentage of Choice given} = \frac{120-60}{120} \times 100$$

$$= \frac{60}{120} \times 100 = 50 \%$$

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Blue Print for Internal Theory (Mid) Examination

For I & II Year (Semesters I - IV) Papers

S.No.	Type of question	No. of Questions Given			No. of Questions to be answered		
		Questions	allotted To each question	Total marks	Questions	allotted To each question	Total marks
1	<u>Section – A</u> Essay question	2	10	20	1	10	10
2	<u>Section – B</u> Short answer questions	5	5	25	3	5	15
TOTAL				45			25

$$\text{Percentage of Choice given} = \frac{45-25}{45} \times 100 = 44.44 \%$$

The total of two internals is reduced to 25 marks and the other 25 marks allocated for CCE are further divided as follows

Study project = 10 marks

(Practical for odd Sem / Theoretical for even Sem)

Viva on subject/ Assignment = 10 marks

Seminar/ GD/ Quiz/ Field trip = 5 marks

Total = 25 marks

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Blue Print for Internal Theory Examination

For III year (Sem V) Papers

S. No.	Type of question	No. of Questions Given			No. of Questions to be answered		
		Questions	allotted To each question	Total marks	Questions	allotted To each question	Total marks
1	<u>Section – A</u> Essay question	2	10	20	2	10	20
2	<u>Section – B</u> Short answer questions	4	5	20	4	5	20
TOTAL				40			40

$$\text{Percentage of Choice given} = \frac{40-40}{40} \times 100 = 0 \% \quad (\text{No choice})$$

The total of two internals is reduced to 20 marks and the other 20 marks allocated for CIA

are further divided as follows

Seminar / Viva-voce = 5 marks

Group discussion / Quiz = 5 marks

Assignment = 10 marks

Total = 20 marks

Blue print for Semester End Practical examination

For I, II & III Year

Practical Paper

Scheme of Valuation for Practicals

Time: 2 hrs

Max. Marks: 50

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|---|------------|
| 1. Formulae & Explanation | - 10 Marks |
| 2. Tabular form + graph + circuit diagram | - 10 Marks |
| 3. Observations | - 10 Marks |
| 4. Calculation, graph, precaution and results | - 10 Marks |
| 5. Viva voice | - 05 Marks |
| 6. Record | - 05Marks |

Note: Minimum of 6 experiments to be done and recorded.