



Does and Don'ts in TNPSC CCSE – II (OT) Main Examination

Request the students to follow the guidelines as given below while writing the Examination.

1. **Use single color pen** throughout the paper (Preferably use Gel Pen -Either Blue or Black)
2. Write the answers **only in the allotted space.**
3. **Strike out the unutilized space** from right corner to left corner
4. Always write the **answers in Points**
5. **Do not use any symbols** for writing the points
6. Except hyphen (-), **no special symbol should be used**
7. Always **use either Numerals or Alpha Numerals or Roman Numerals** to write points
8. Way of writing 3 Marks Questions:
 - a. Place the heading at the Top Center and Underline it
 - b. Write minimum 4 to 5 relevant points
 - c. Write a point as short as possible
 - d. If the question is related with Comparison, Similarities, Difference, please present the answer in tabulation format.
 - e. Always provide example wherever possible.
 - f. Sample Answers:



Q4]	<u>Atoms</u>	<u>molecules</u>
	1. It is the smallest particle of element	It is the smallest particle of element or compound.
✓	2. It is non bonded entity	It is bonded entity
	3. may or may not exist freely	It exist freely.

Q5]	<u>main function of the cell wall:-</u>
	1. It gives shape to the cell
	2. It gives rigidity
✓	3. It gives mechanical strength to the plant
	3. protect the protoplasm against injury.

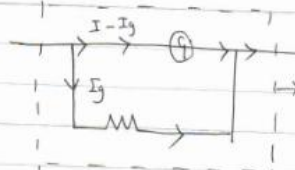
9. Way of writing 8 Marks Questions:

- Place the heading at the Top Center and Underline it
- Minimum 3 to 4 subdivisions can be given per page
- The sub-headings should written on left hand side
- Under every heading write at least 4 to 5 points
- Distribute the diagrams and texts in zigzag manner.
- Don't draw a single diagram in a page
- Sample Answer:



1) Galvanometer is converted into Ammeter:-

1) Galvanometer is a device used to detect the flow of current in an electrical circuit.



2. Galvanometer is converted into voltmeter by connecting low resistance in parallel with it.

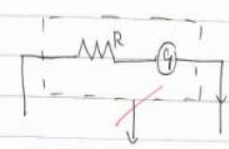
3. The low resistance connecting parallel with galvanometer is called short resistance.

4. The effective resistance of the ammeter R_a is $= \frac{G_s}{G+S}$.

5. An ideal ammeter is one which has the zero resistance.

1) Galvanometer is converted into voltmeter:-

1. Voltmeter is used to measure the potential difference between two end of the current carrying conductors.



2. Galvanometer is converted into voltmeter connecting high resistance in series with it.

3. The effective resistance of voltmeter $R_v = G+S$.

4. An ideal voltmeter is one which has the infinite resistance.

10. Way of writing 15 Marks Questions:

- Place the heading at the Top Center and Underline it
- Introduction – Not explicitly mentioned
- Minimum 3 to 4 subdivisions can be given per page
- The sub-headings should written on left hand side
- Under every heading write at least 4 to 5 points
- Distribute the diagrams and texts in zigzag manner.
- Don't draw a single diagram in a page
- Conclusion – Not explicitly written
- Sample Answer:



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Types of magnetic material :-
on the basis behaviour of the material which is magnetized in a field it can be classified into 3 types.

1. Diamagnetic material
2. Paramagnetic material
3. Ferromagnetic material.

1. Diamagnetic material :-

1. net magnetic moment is zero
2. susceptibility has low negative value
i.e. $\chi_i = -0.0017$
3. permeability < 1
4. susceptibility is independent of the absolute temperature.
5. when placed in non uniform magnetic field - move from stronger part to weaker part of the field.
6. suspended in uniform magnetic field - perpendicular to the direction of field
7. eg: Al, Cu, Bi, Sb, H_2O

perpendicular to the direction of the field

2. Paramagnetic material :-

1. net magnetic moment is non-zero
2. susceptibility has low positive value
 $Al = 0.0002$
3. permeability > 1
4. susceptibility is inversely proportional to the absolute temperature $\chi \propto 1/T$
5. when placed in non uniform magnetic field - move from weaker part to stronger part of the field.
6. suspended in uniform magnetic field - parallel to the direction of the field.
7. $Al, Cr, CuCl, O_2$

parallel to the direction of field

3. ferromagnetic material :-

1. strong spontaneous net magnetic moment
2. susceptibility and permeability has large value
Iron = 200,000
3. susceptibility is inversely proportional to the absolute temperature $\chi \propto 1/T$
4. At particular temperature the ferromagnetic become paramagnetic that transition temperature is called Curie Temperature
5. when placed in non uniform magnetic field - move from stronger part to weaker part of field.
6. suspended in uniform magnetic field - parallel to the direction of field.
7. Fe, Ni, Co

11. Way of writing 30 Marks Questions:

- Place the heading at the Top Center and Underline it
- A paragraph of information about the topic should be written
- Introduction - explicitly mentioned
- Minimum 3 to 4 subdivisions can be given per page
- The sub-headings should written on left hand side
- Under every heading write at least 4 to 5 points (Answer Should be in points only)
- Distribute the diagrams and texts in zigzag manner.
- Don't draw a single diagram in a page
- Write the conclusion explicitly

12. Time Allocation for Writing Answers:

- 3 Marks - 45 Mins (1.5 Mins per question)
- 8 Marks - 90 Mins (6 Mins per question)
- 15 Marks - 15 Mins (7.5 Mins per question)
- 30 Marks - 30 Mins (15 Mins per question)
- If you are able to complete the 3 marks in 30 mins, you can utilize those remaining time for 8 Marks questions.



13. Other instructions:

- a. Ensure your presence in the exam hall at 9:30 AM
- b. Carry at least 3 pens in same color(Black/Blue)
- c. Visit your examination center one day before and ensure the venue address
- d. Carry hall ticket, one photo (recent passport size photo), and one identity card always.
- e. If the answers not known please do not get panic. Relax and manage the answer based on the knowledge you have
- f. Paper Completion is most important. Try your level best to complete the paper.(Writing answer for all questions)
- g. Avoid multiple striking of words
- h. Do not use different colors to highlight points (not even pencil). Use single pen to write answer, to draw diagram and to underline headings and key points.
- i. Do not draw any religious auspicious symbols. Answer sheet should not expose your identity under any circumstances.
- j. While writing subcategories in an answer, do not write utilize the space outside margin. Utilize only the space given for writing.
- k. Give two lines of space between two sections of answer
- l. After Completing the exam, ensure the followings before handing over the paper to invigilators:
 - i. Ensure all the unwritten pages have been striked out
 - ii. Ensure that have you signed the answer booklet after striking the unwritten pages
 - iii. Ensure that have you written your registration number correctly

ALL THE VERY BEST