



Padalsalai's Telegram Groups!

(தலைப்பிற்கு கீழே உள்ள லிங்கை கிளிக் செய்து குழுவில் இணையவும்!)

- **Padalsalai's NEWS - Group**
https://t.me/joinchat/NIfCqVRBNj9hhV4wu6_NqA
- **Padalsalai's Channel - Group**
<https://t.me/padasalaichannel>
- **Lesson Plan - Group**
<https://t.me/joinchat/NIfCqVWwo5iL-21gpzrXLw>
- **12th Standard - Group**
https://t.me/Padalsalai_12th
- **11th Standard - Group**
https://t.me/Padalsalai_11th
- **10th Standard - Group**
https://t.me/Padalsalai_10th
- **9th Standard - Group**
https://t.me/Padalsalai_9th
- **6th to 8th Standard - Group**
https://t.me/Padalsalai_6to8
- **1st to 5th Standard - Group**
https://t.me/Padalsalai_1to5
- **TET - Group**
https://t.me/Padalsalai_TET
- **PGTRB - Group**
https://t.me/Padalsalai_PGTRB
- **TNPSC - Group**
https://t.me/Padalsalai_TNPSC

XII- PHYSICS UNIT 2 MODAL QUESTION PAPER - 2019

section -A (5 x 1 = 5) Total mark = 50

choose the correct answer

1. The human body resistance range is

a) 250-500 b) 200- 500

c) 150- 190 d) only 200

2. current is double power in value

a) 2 b) 4 c) 6 d) 0

3. Electric furnace is produced temperature is $^{\circ}\text{C}$

a) 1500 b) 150 c) 3380 d) 4500

4. positive thomson effect is.....

a) silver b) cobalt c) nickel d) ferrous

5. semiconductor resistivity range is

a) small b) large c) middle d) all the above

section - B (5 x 2 = 10)

Answer any five questions compulsory Question. no 7

6. Define Electric cell

7. What is conventional current

8. what is thermo electric effect

9. Difference between positive and negative thomson effect

10. Define Electrical resistivity

11. what is meant by emf

12. Define internal resistance

section - B (5 x 3 = 15)

Answer any five questions but compulsory question no . 13

13. calculate orange , orange, orange resistance values?

14. what is meant by multimeter

15. Define Thermister

16. what is conductivity

17. To calculate Energy in a circuit by ?

18. write the current conduct in element any three ?

19. prove that $F/Q = R/S$

section - C (4 x 5 = 20)

Answer any four question

20. Explain seebeck effect with application

21. write the application of joule's heating effect any three

22. (i) prove that electric current is not only produced by batteries ?

(ii) why current density is vector but current is scalar ?

23. state and Explain kirchoff's rule

24. The resistance of a wire 20 ohm . what is will be new resistance , if is stretched uniformly 3 times its original length ?

25. How emf two cells are compared potentiometer ?

..... ALL THE BEST

prepared by

G.

THIRUMOORTHY , MSC, BED , (PH.D)

PHYSICS

SIR CV RAMAN

COACHING CENTRE

IDAPPADI ,,,

SALEM DISTRICT

WHATS UP NO .. 8883610465

MOBILE NO .. 8610560810

Padasalai