

AAFAQ ACADEMY – KASUR

Paper: Physics

Chapter (11)

Class: F.Sc. Part – I

HEAT AND THERMODYNAMICS

Name: _____ Roll No: (in words) _____

OBJECTIVE TYPE

Total Marks: 12

Paper Code: _____

Total Time: 10 Minutes

NOTE: Write your **Roll No.** in space provided. Using lead pencil will result in loss of marks.

Q.No.1: You have four choices for each objective type question as A,B,C and D. The choice which you think is correct; fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question.

Sr. No.	QUESTION	A	B	C	D
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					

SUBJECTIVE TYPE

Total Marks: 29

Time Allowed: 0 Hours 50 Minutes

SECTION – I (SHORT QUESTIONS)

2. Attempt any FIVE questions. (5 × 2 = 10) Marks

- i. n
- ii. t
- iii. e
- iv. a
- v. w
- vi. q
- vii. d

SECTION – II (ESSAY TYPE) Attempt given question

3. Do as directed...

- i. k (5)
- ii. r (3)

SECTION – III (Practical)

4. (a) Write answer of TWO questions. (2 × 2 = 4)

- i. a
- ii. c
- iii. v
- iv. b

4. (b) Write procedure to determine the resistance of voltmeter by graph method. (3)
(OR)

Write procedure to find the unknown high resistance by using neon flash lamp. (3)

4. (c) Answer the following questions on the basis of graph drawn between potential difference (V) and charge (Q). (4)

- i. What you conclude from the graph?
- ii. Find the capacitance of capacitor from the graph.

Good Luck

Ch. Khalid Mahmood Ashraf

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