

**AGA KHAN UNIVERSITY EXAMINATION BOARD**

**SECONDARY SCHOOL CERTIFICATE**

**CLASS IX EXAMINATION**

**Physics Paper III Practical**

**Time: 40 minutes Marks: 10**

**INSTRUCTIONS**

**Please read the following instructions carefully.**

1. Check your name and school information. Sign if it is accurate.

**I agree that this is my name and school.  
Candidate's signature**

2. RUBRIC. There are THREE stages. All stages have various tasks. Perform ALL the tasks.
3. You must demonstrate the skills in front of the examiner when required.
4. Respond in EITHER Urdu or English but NOT both.
5. Complete your answer in the allocated space only. DO NOT write outside the box.
6. Use ONLY black pen or pencil. DO NOT use coloured pencils.
7. DO NOT use staples, paper clips, glue, correcting fluid or ink erasers.
8. The marks for the tasks are shown in brackets ( ).
9. You may use a simple calculator if you wish.

**Practical**

**Objective:** To draw a graph between temperature and time, when ice is converted into water and then into steam by slow heating.

**مقصد:** آہستہ آہستہ گرم کرنے سے برف کا پانی میں اور پھر بھاپ میں تبدیل ہونا، اس کے لیے درجہ حرارت اور وقت کے درمیان ترسیم (graph) بنانا۔

**STAGE I****(Total 2 Marks)****Task 1**

Collect the apparatus and other materials required to meet the objective and list them.

اس تجربے سے مطلوبہ مقصد حاصل کرنے کے لیے مطلوبہ آلات اور دیگر اشیاء جمع کیجیے اور ان کے نام لکھیے۔

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**STAGE II****(Total 4 Marks)****Task 2**

**Observations مشاہدات**

No. of Obs. مشاہدات نمبر	Time (in minutes) وقت (منٹوں میں)	Temperature (°C) درجہ حرارت (°C)
1		
2		
3		
4		

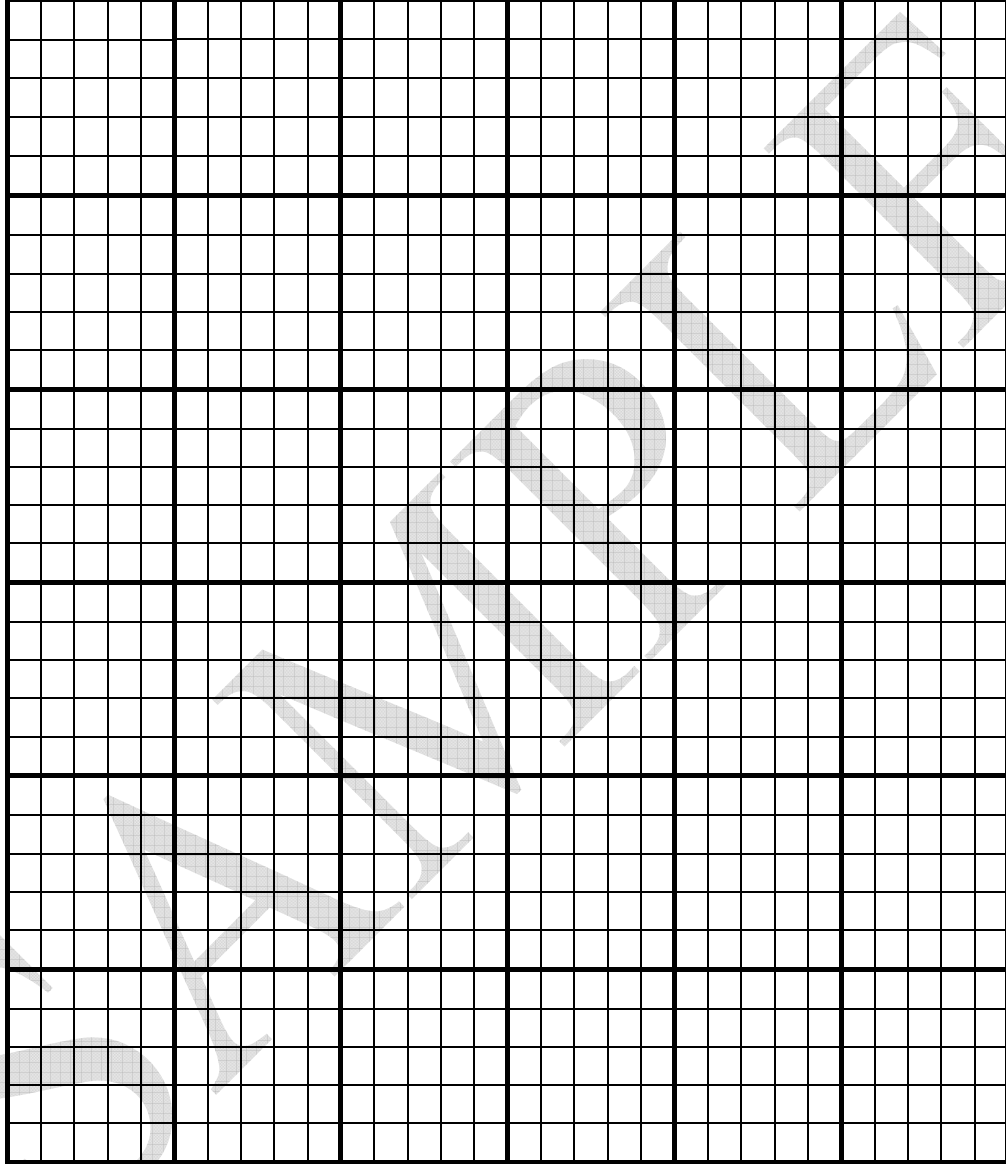
**STAGE III**

**(Total 2 Marks)**

**Task 3**

Plot a graph between temperature and time with the help of observations.

مشاہدات کی مدد سے وقت اور درجہ حرارت کے درمیان ترسیم (graph) بنائیے۔



**School Record**

**(Total 2 Marks)**

*Please use this page for rough work*

SAMPLE