**Term 2 Project**

* Solve the below mentioned real life problems from the topics bearings and make still models/Poster/Creative drawing for the same.

Q1) A helicopter takes off and flies on a bearing of 075º for 45 km. It then flies on a bearing of 080º for 60 km, after which, the helicopter flies on a bearing of 300º for 70 km

(i)Using a scale of 1 cm = 10 km draw an accurate scale drawing of the helicopter’s journey.

(ii)What distance did the helicopter travel?

(iii)At the end of its journey how far is the helicopter from the start.

Q2) A submarine leaves a port on a bearing of 220º for 80 km. It then travels on a bearing of 100º for 60 km. On what bearing and how far should the submarine travel to return to its port?

**Date of Submission:-21th May 2023**

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| **Rubric** |  |
| **Accuracy of answers**  | **5 marks**  |
| **Labels** | **5 marks** |
| **Creativity** | **5 marks** |
| **Neatness** | **5 marks** |
| **Timely submission** | **5 marks** |
| **Total**  | **25 marks** |