**ST.MARIE EUGENIE GIRLS’ SECONDARY SCHOOL**

**HOME PACKAGE FORM FIVE March 28, 2020**

**GEOGRAPHY**

**Attempt all questions**

1. The table below shows the mean annual percentage frequency of wind direction and wind speed. Study it carefully then answer the question that follow:-

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **WIND SPEED** | **N** | **NE** | **E** | **SE** | **S** | **SW** | **W** | **NW** |
| < 4mph | 1.3 | 3.2 | 2.6 | 3.4 | 2.2 | 4.6 | 2.0 | 3.6 |
| 4 – 12 mph | 2.4 | 4.0 | 3.1 | 2.8 | 1.7 | 4.4 | 3.5 | 2.5 |
| 13 – 24 mph | 1.6 | 4.5 | 3.6 | 3.9 | 1.4 | 3.7 | 1.0 | 2.1 |
| < 24 mph | 0.8 | 2.5 | 2.6 | 1.5 | 0.8 | 3.4 | 0.3 | 1.0 |
| TOTAL | 6.1 | 14.2 | 11.9 | 11.6 | 6.1 | 16.1 | 6.8 | 9.2 |

1. Display the above data by means of compound Wind Rose.
2. What are the merits and demerits of using this method in presenting statistics?
3. Differentiate sampling frame from Parameter.

(b) Give reasons as to why researchers are advised to apply sampling in problem solving. (3 reasons).

(c) Explain the two notable sampling techniques used for selecting participants.

3. Discuss five major features formed along the plate margins.

4. Examine the formation, nature and significance of Fold Mountains.

5. Examine six wind erosional and four depositional features produced in the desert.

6. The theory of continental drift is irrelevant to the African continent. Discuss.

7. Examine the possible theories of mountain building.

8. The lithosphere is restless. With evidence give an account on the causes of and the effects of the lithosphere restlessness on the earth’s surface**.**