



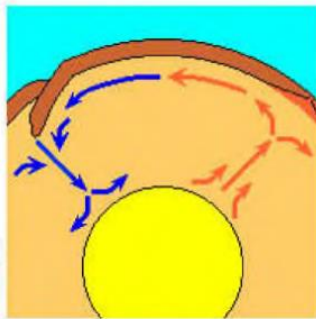
TISHK INTERNATIONAL UNIVERSITY

Faculty of Education
Department of Physics Education
Course: Earth science Code: PHYS. 272
Spring Term 2018-2019 Ac. Year

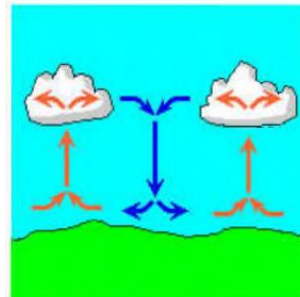
Date : .00.2019
Duration : 2 hrs
Type of Exam: Sample Final Exam

Note: There are 40 points for the following questions.

- 1- Define TWO of the followings. (4points)
a) Coriolis Effect b) Focus c) Biosphere
- 2- Order buildings from safest to most dangerous. (3points)
- 3- Show in the bracket that the below statements are true (T) or false (F). (6points)
a) Hydrogen bonding gives water its heat-retaining and solvent properties. ()
b) m
c) n
d) b
e) h
f) l
- 4- Why Don't Rocks "De-metamorphose"? (3points)
- 5- Explain the phenomena in the below diagrams. (4points)



A) Figure 1



B) Figure 2

- 6- Fill in the blanks with correct words. (4points)
[Coriolis Effect, Polar Easterlies, Equator, Equatorial Doldrums, Trade Winds]
- 1- Cold air flowing outward from the poles is, like the Trade Winds, deflected westward. This zone is called the
- 2- Warm air above the surface moves poleward and cooler air moves toward the equator. The causes this air flow to be deflected to the west. Thus there is a belt of easterly winds on either side of the equator. Because they were so useful for crossing oceans in the days of sailing ships, they are called the
- 3- At the equator, warm air rises. Since much of the air movement is vertical, winds are light. This band is the

Instructor's Name :

Signature :



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- 7- State the crystal classes. **(4points)**
- 8- What are types of rocks? Mention one of them. **(4points)**
- 9- What Happens During Metamorphism? **(3points)**
- 10- **Choose the correct answer for the following questions. (5points)**
 - 1) The part of the earth characterized by life is the:
 - a. mesosphere
 - b. lithosphere
 - c. biosphere
 - d. stratosphere
 - e. hydrosphere

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