

Name Stacy Li
Section IF TA Ailin Wang

7/8

**INTERTIDAL ZONE
EPSS 15 WINTER 2019
QUIZ 8A**

1. (1 Point) What type of substrate provides the best surface for attachment within the littoral zone?

ROCKS

esp softer ones
so animals can dig into it.

2. (1 Point) During low tide anemones avoid desiccation (drying out) by doing which of the following:

- a. Retracting tentacles
- b. Closing up tight
- c. Secreting mucus
- d. All of the above
- e. None of the above

3. (1 Point) What is the most contested resource in the intertidal zone?

- a. Water
- b. Space
- c. Light
- d. Nutrients

4. (1 Point) All of the following statements about sea stars and sea urchins are true, EXCEPT:

- e. Both are members of the echinoderm phylum
- f. Both exclusively graze upon algae
- g. Tube feet allow these organisms to remain attached to the substrate (e.g. rock)
- h. Both have a radial body plan

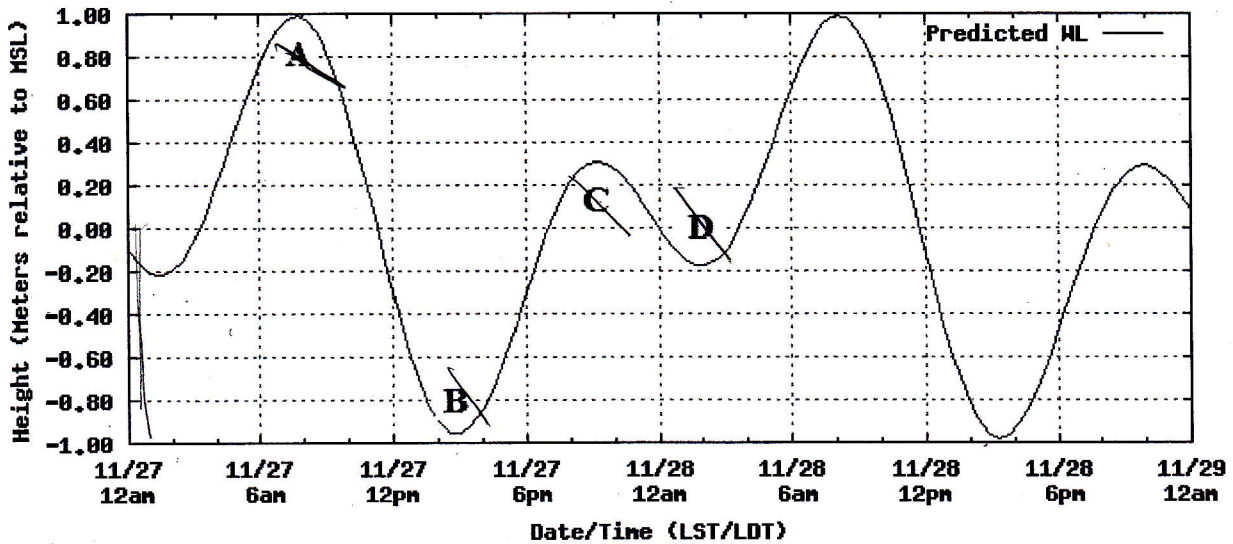
5. (1 Point) Barnacles belong to which groups of animals?

- a. mollusks
- b. echinoderms
- c. crustaceans
- d. anemones

+

For questions 6-7 please refer to the tide prediction chart for Los Angeles shown below:

NOAA/NOS/CO-OPS
Daily Tide Prediction for LOS ANGELES, CA
StationId 9410660
From: 2012/11/27 - 2012/11/28
Units: Meters Time Zone: LST/LDT Datum: MSL



6. (2 Points) Please match the following terms to appropriate letter (A-D) the tide chart:

Low low tide: B
High low tide: C
High high tide: A
Low high tide: D

7. (1 Point) Based on the data, state the approximate size (in meters) of the intertidal zone at this measuring station:

~ 2 meters