

TEST - 20 (IPM 2021)

21. Consider the following statements regarding Waves

1. Waves are actually the energy which moves across the ocean surface.
2. The motion of the surface water greatly affects the stagnant deep bottom water of the oceans.
3. A wave's size and shape reveal its origin.

Which of the statements given above are correct?

- A. 1 and 2 only B. 2 and 3 only C. 1 and 3 only D. 1, 2 and 3

22. Consider the following statements regarding Ocean currents

1. Cold currents bring cold water into warm water areas.
2. Cold currents are usually found on the east coast of the continents in the low and middle latitudes (true in both hemispheres)

Which of the statements given above is/are correct?

- A. 1 only B. 2 only C. Both 1 and 2 D. Neither 1 nor 2

23. Consider the following statements regarding polar vortex

1. The polar vortex is a large area of low pressure and cold air surrounding both of the Earth's poles.
2. It always exists near the poles, but weakens in summer and strengthens in winter.
3. The term "vortex" refers to the clockwise flow of air that helps keep the colder air near the Poles.

Which of the statements given above are correct?

- A. 1 and 2 only B. 2 and 3 only C. 1 and 3 only D. 1, 2 and 3

24. Consider the following statements regarding hot deserts

1. The hot deserts lie along the Horse Latitudes.
2. In Horse Latitudes, the air is descending, a condition least favorable for precipitation of any kind to take place.

Which of the statements given above is/are correct?

- A. 1 only B. 2 only C. Both 1 and 2 D. Neither 1 nor 2

25. Which of the following forces influence the Ocean currents?

1. Heating by solar energy
2. Wind
3. Gravity
4. Coriolis force

Select the correct answer using the code given below:

- A. 1, 2 and 3 only B. 2, 3 and 4 only C. 1, 2 and 4 only D. 1, 2, 3 and 4

26. Consider the following pairs of glaciers and states/UT they belong to.

1. Kangto Glacier: Arunachal Pradesh
2. Nubra Glacier: Himachal Pradesh
3. Bara Shigri Glacier: Ladakh
4. Zemu Glacier: Sikkim

Which of the pairs given above is/are correctly matched?

- A. 1 and 2 only B. 2 and 3 only C. 3 and 4 only D. 1 and 4 only

27. Consider the following pairs of passes and states/UT they belong to.

1. Bomdila: Arunachal Pradesh
2. Changla Pass: Ladakh
3. Khardung La: Himachal Pradesh

Which of the pairs given above are correctly matched?

- A. 1 and 2 only B. 2 and 3 only C. 1 and 3 only D. 1, 2 and 3

28. Dharwar rock system can be found in

1. Dharwar and Bellary districts of Karnataka.
2. Madurai district of Tamil Nadu
3. Meghalaya Plateau
4. Chotanagpur Plateau

Select the correct answer using the code given below:

- A. 1, 2 and 3 only B. 2, 3 and 4 only C. 1, 2 and 4 only D. 1, 2, 3 and 4

29. Consider the following statements regarding Cuddapah rock System

1. These are sedimentary rocks.
2. These are famous for sandstone, limestone, and marble.

Which of the statements given above is/are correct?

- A. 1 only B. 2 only C. Both 1 and 2 D. Neither 1 nor 2

30. Arrange the following hills from north to south

1. Mishmi Hills
2. Dafla Hills
3. Mikir Hills
4. Lushai Hills

Select the correct answer using the code given below:

- A. 1 2 4 3 B. 2 1 4 3 C. 2 4 1 3 D. 1 2 3 4