

RRB PO MAINS 2023



Mahendra's

REVISION (Day-4 Cass **2 Hours** अब Selection कोई रोक नहीं सकता







In the sentence, certain words are in bold and numbered from A to H, which are the possible pairs to be interchanged. Choose the pair(s) of the words that need(s) to be interchanged to make the sentence grammatically correct and meaningful.



- a. If you abridge(A) your testimony(B) to include only the most important details, I think the equals(C) will be more sympathetic(D) to your case.
 b. The fact that two plus two jury(E) four is absolute(F) in mathematics, and cannot ever be disputed(G) with any logical argument(H).
- 1. A-F and D-E
- 2. B-G and D-H













a. The report stated(A) that Dr Brady had been answer(B) in not giving(C) the patient a full examination(D) $17v_3$

b. Further information(E) is required to determine(F) the correct negligent(F) in any given(H) instance.

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

5.

B-G







In the following passage, certain words have been given in a jumbled manner and numbered from A to E. Choose the option which should replace the word in bold to form a contextually and grammatically meaningful paragraph.

RRB PO MAINS REVISION 2023 Near the end of June 2021, security officers in the UAE accusations (A) the residential buildings in Abu Dhabi to arrest about 700 African migrants. The workers were cuffed during the first two weeks of their abuse (B) and besides being subjected to racial slurs and physical abuse, they were also refused access to basic medical aid such as sanitary pads to women. ImpACT International and Euro-Mediterranean Human Rights Monitor released a report detailing the raided (C) of racially motivated human rights violations. According to the report, more than a dozen female African workers arrested were subjected (D) to sexual harassment by the officers who raided their houses and touched their private parts while they were asleep in their nightwear during the raid. Some of these African migrants worked as waiters, assistant nurses, teachers, oil and gas contractors, nannies, etc. More than 20 people went on record to share their testimonies about the detention (E) by UAE officials against them and their fellow workers from Cameron, Uganda, and Nigeria on the night of the raid.



Which of the following would replace (A)?







Which of the following would replace (B)?







Which of the following would replace (C)?



5. No change required





Which of the following would replace (D)?







Which of the following would replace (E)?







The sentence given below is divided into four parts. The sentence

may or may not be grammatically or contextually correct.

Interchange the parts of the sentence to make it correct, and mark

the correct interchange as your answer. If no interchange is

required mark 'no interchange is required'as your answer.



A B (

RRB PO MAINS REVISION 2023

Thereby creating employment avenues for both semi-skilled and skilled workers, (A) and the expanding implementation of the PLI scheme, (B) mainly driven by rapid digitalization, technological advancement, (C) going forward, employment levels are expected to remain buoyant. (D)

- 2. A-B
- 3. A-B, C-D

A-D, B-C

- 4. B-C
- 5. No interchange is required





Where organizers are seeking to make the case for Artificial

Intelligence, (A) the nine humanoid robots gathered at the 'AI for

Good' conference in Geneva (B) and the robots it is powering to help resolve (C) some of the world's biggest challenges such as disease and hunger. (D) $R \rightarrow C D$

- 1. C-D
- 2. B-C
- 3. A-B, C-D
- 4. A-B
 - 5. No interchange is required



The decentralized social media site Mastodon website-builder

WordPress, (A) Meta plans to make it compatible with the open social networking protocol ActivityPub, (B) so that Threads could one day work with platforms such as (C) though Threads is still in its early

1. D-B

3.

days.(D)

2. D-B, C-A

A-D

4. A-B, C-D

5. No interchange is required



The following sentences form a paragraph. The third and sixth sentences of the paragraph are given. The rest are numbered as A, B, C, D, and E. These five parts are not given in their proper order. Arrange them in the correct order to make the paragraph meaningful and then answer the questions given below.



Which of the following should be the **FIFTH** sentence

after rearrangement?







Which of the following should be the **SECOND** sentence

after rearrangement?







Which of the following should be the **SEVENTH** sentence

 $\begin{array}{c} \text{after rearrangement?} \\ \text{DE3B} \\ 1. C \\ 2. B \\ 3. A \\ 4. E \\ 5. D \end{array}$





Which of the following should be the **FIRST** sentence after rearrangement?







Which of the following should be the FOURTH sentence

after rearrangement?

1. C

2. D

3. A

E

B

4





In each of the sentences below, a sentence is given by a portion (a phrase or a group of words) marked in bold. Choose the best replacement for the part in bold, as per the options are given below, to make the sentence meaningful and grammatically correct.





2. Only II

<u>3.</u> Only I and II <u>4.</u> Only III

5. No improvements



Sheela is in reverence of the Taj Mahal's beauty. admiring) -> strong dislike I. Contempt) II. Awe of III. Despise) Storng dislike Only III 1. Only I and III 2.



5. No improvements

Only II)し

Only I

×3.

4.

(Sadury)

Kiran was wistful after seeing her old school and childhood pictures. I. Cynical -) to doubt or mistrust oflue's motives II. Nostalgie - Surtimental Longing for past days III. Cutesy (When



- 3. Only I and II
- 4. Only III
- 5. No improvements





In the given question, a sentence is given with a part of it missing and represented by a blank. Choose the phrase that can be placed in the given blank to make a meaningful and grammatically correct sentence.





The manner in which the world's leaders economic

and political shocks, is also of the utmost importance.

destroy the colossal
 manage the colossal
 manage the reduced
 manage the invalid
 None of these



The brakes placed on economic activities of many kinds, worldwide, ______ carbon emission cuts that would previously have been unthinkable.





Not everyone has internet access, and the sudden closure of public

libraries ______fewer people can get online.

- 1. has questioned that even
 - has meant that even
- 3. has examined that even
- 4. has protected that even
- 5. None of these




Read the passage given below and answer the questions that follow by choosing the correct/most appropriate options:



The human body is made up of millions of cells - little building subunits (1) of life. Each cell contains many functional blocks (2) (organelles) that enable its proper functioning and is protected from the external environment by a cell membrane. This article is dedicated to providing a short introduction to the basic functions and anatomy of a cell membrane. Cell membranes protect and organize cells. Most importantly they serve as barriers, discriminating the cell's interior from the outer milieu. Because cells always exist in an aqueous energy (3) their membranes should be structured in such a way that they do not dissolve in water. This function is ideally carried by special chemical molecules phospholipids. These molecules are constructed from two parts: tails made up of two molecules of fat that 'avoid' water and heads that have an affinity for water. For this specific behaviour, the phospholipid's tails are called hydrophobic ('hydro' means water and 'phobia' means fear) and their heads are called hydrophilic ('philos' means love).



When phospholipids are added to water, they self-assemble into double-layered structures, shielding their hydrophobic portions from water and exposing their hydrophilic portions to the environment. This phospholipid bilayer may resemble a sandwich, where phospholipid heads are bread rolls and tails are the sandwich filling.

In addition to lipids, membranes are loaded with proteins. They usually go through the lipid bilayer and are exposed to both the aqueous environment and the cell's interior. In fact, proteins account for roughly half the mass of most cellular membranes. They make the membrane semi-permeable, which means that some molecules can diffuse across the lipid bilayer but others cannot. Small hydrophobic molecules and gases like oxygen and carbon dioxide cross membranes rapidly. Small molecules, such as water and ethanol, can also pass through membranes, but they do so more slowly. On the other hand, cell membranes restrict the diffusion of charged molecules, such as ions, and large molecules, such as sugars and amino acids. The passage of these molecules relies on specific transport proteins embedded in the membrane.



Membrane transport proteins are specific and selective for the molecules they move, and they often use energy to enhance passage. Also, these proteins transport some nutrients against the concentration gradient, which requires additional materials (4). The ability to maintain concentration gradients and sometimes move the environment (5) against them is vital to cell health and maintenance. Thanks to membrane barriers and transport proteins, the cell can accumulate nutrients in higher concentrations than exist in the environment and, conversely dispose of waste products. Other membrane-embedded proteins perform communication-related jobs. Large molecules from the extracellular environment, such as hormones or immune mediators, bind to the receptor proteins on the cell membrane. Such binding causes a conformational change in the protein that transmits a signal to intracellular messenger molecules. Like transport proteins, receptor proteins are specific and selective for the molecules they bind.





Which of these is not a function of the membrane embedded proteins?

- 1. Transport some nutrients against the concentration gradient
- 2. To function as a mediator for hormones



- 3. To function as a mediator for immune response to the cell
- 4. To restrict the diffusion of charged molecules

5. To transport waste products from the environment into cells



Which of the following is NOT true, according to the given passage?

Cell membranes have a function to protect and organize cells.
 Hormones send signal into the cell via the receptor proteins in the membrane by binding to them.

3. Proteins constitute nearly half the mass of most cellular membranes.
4. A phospholipid molecule has a water-avoiding head and two waterloving tails

5. When phospholipids are introduced to water, they self-assemble into double-layered structures





Which of the following can move rapidly and freely across the cell membrane?

Oxygen and Carbon dioxide

- 2. Ions
- 3. Sugars
- 4. Amino acids
- 5. Ethanol





What is a suitable title for the passage?

1. Phospholipids and Proteins

Structure and function of cell membranes

- 5. Structure and function of membrane proteins
- 4. Transport proteins and cells
- 5. None of these









There are 5 fixed positions in the passage and one word has been placed in each position. Rearrange the words so that the passage makes complete sense.

1. blocks, subunits, environment, energy, materials

- 2. subunits, blocks, environment, energy, materials
- 3. materials, blocks, environment, energy, subunits
- 4. subunits, blocks, energy, environment, materi
- 5. None of these



