PARAJUMBLES

Set-1

Directions (1-5): Below are Nine statements, given in a random order. When these statements are sequenced properly, they'll form a coherent and meaningful paragraph. After completing the passage, read the given passage carefully and answer the questions that follow.

P. Binocular Telescope in Arizona **(a)/** the discovery was made by a team **(b)/** led by the Italian National Institute for **(c)/** imaging from the Large **(d)/** Astrophysics, using high-resolution **(e)**

Q. Relic galaxies, however, are exceptions. We define a relic as an object that almost entirely missed this second phase having formed at least 75% of its mass during the initial starburst, Spiniello said.

R. What makes them even more intriguing is their mysterious evolution. They formed when the universe was extremely young and, for reasons we still don't fully understand, remained untouched — they didn't merge or interact with other systems. They stayed frozen in time.

S. The galaxy, named KiDS J0842+0059, lies about 3 billion light-years from Earth, making it the most distant relic galaxy ever found and the first identified beyond the local universe — the region of space within roughly 1 billion light-years of Earth.

T. These galaxies are incredibly old, compact, and dense — far more so than the Milky Way. They host billions of sun-like stars but exhibit no signs of new star formation. They're essentially inactive, serving as fossil records of the ancient universe, she added.

U. Astronomers have discovered a rare galaxy that has remained virtually unchanged for 7 billion years — offering a remarkable window into the early universe and adding to a mysterious category of objects known as fossil or relic galaxies.

V. First, there's a rapid and intense burst of star formation, producing a compact, dense object — the progenitor of what we call a relic, she explained.

W. The second phase involves gradual interactions and mergers with neighboring galaxies, which significantly reshape their structure, size, and star populations.

X. According to Chiara Spiniello, a coauthor of the study and a researcher at the University of Oxford, massive galaxies typically form through a two-phase process.

U S P X V W Q T R

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Question 1:

Rearrange the parts of the sentence to make the sentence coherent. ⓓⓐ

P. Binocular Telescope in Arizona **(a)/**
the discovery was made by a team **(b)/**
led by the Italian National Institute for **(c)/**
imaging from the Large **(d)/**
Astrophysics, using high-resolution **(e)**

↓
1 min

bceda

(a) dbcea
(b) beacd
(c) dacbe
(d) bcead
(e) None of the above

Ⓔ

Question 2: Which of the following sentence can come between the **FIFTH** and **SEVENTH** sentences after the rearrangement?
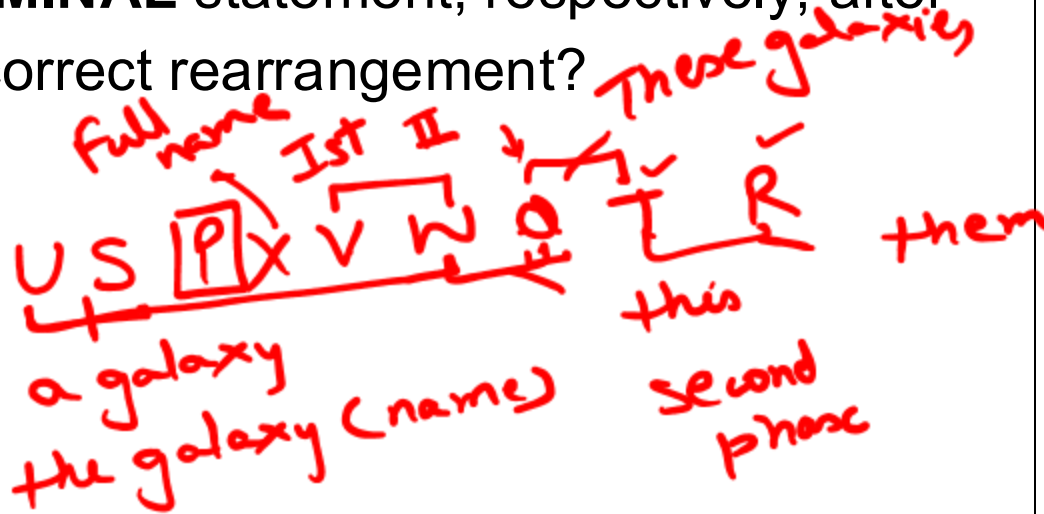
(a) These galaxies are incredibly old, compact, and dense — far more so than the Milky Way. They host billions of sun-like stars but exhibit no signs of new star formation. They're essentially inactive, serving as fossil records of the ancient universe, she added.

(b) The second phase involves gradual interactions and mergers with neighboring galaxies, which significantly reshape their structure, size, and star populations.

(c) Astronomers have discovered a rare galaxy that has remained virtually unchanged for 7 billion years — offering a remarkable window into the early universe and adding to a mysterious category of objects known as fossil or relic galaxies.

(d) According to Chiara Spiniello, a coauthor of the study and a researcher at the University of Oxford, massive galaxies typically form through a two-phase process.

(e) None of the above

Question 3:

Which of the following options is the pair of the **INTRODUCTORY** statement and the **TERMINAL** statement, respectively, after the correct rearrangement?

(a) RP

(b) SQ

(c) XV

(d) UR

(e) None of the above

Question 4:

Which of the following options is the pair of the **Antipenultimate** statement and the **Penultimate** statement, respectively, after the correct rearrangement?

(a)TV

(b)XP

(c)QT

(d)PT

(e)None of the above

Question 5:

Which of the following combinations is the combination of **THREE CONSECUTIVE** statements after the correct rearrangement?

(a) UPR

(b) XVW ✓

(c) PTS

(d) XUR

(e) None of the above

Set-2

Directions (6-12): In the following paragraph Twelve sentences which are in their jumbled form are given. Further some of these sentences have a highlighted part which may or may not form a contextually meaningful sentence. You have to swap the highlighted part with the other to make a contextually meaningful sentence and then rearrange those sentences to make a contextually meaningful paragraph.

V statement is fixed at the "Ninth" place.

M. New York City's education department, for instance, initially banned ChatGPT in 2023 but later reversed its decision, launching an AI Policy Lab to explore how the technology can be used responsibly in education.

N. Weingarten emphasised that the academy will help **ensure AI serves our students and society** but also how to use it safely, ethically, and effectively in the classroom.

O. A coalition of major tech companies and teachers' unions has launched a $23 million initiative to train 400,000 K-12 teachers in artificial intelligence over the next five years.

P. Beyond supporting education, the initiative may also benefit **grading may blur the line between facilitating education** from educators and introducing their AI tools into more classrooms nationwide, he also added.

Q. As a result, school districts across the country have taken differing approaches — some banning AI use altogether, while others are embracing its potential.

R. The launch comes at a time when educators, schools, and parents are actively debating how — or whether — AI should be integrated into classrooms.

S. Such collaborations have previously proven advantageous — as seen with Google Chromebooks, which gained popularity in schools and are now **a staple in many classrooms across the U.S.**

T. The project, called the National Academy of AI Instruction, was officially announced on Tuesday. It is backed by Microsoft, OpenAI, Anthropic, the American Federation of Teachers (AFT), and the United Federation of Teachers based in New York.

U. While many teachers see AI as a tool to reduce administrative burdens and enhance student engagement, concerns remain over ethical boundaries, academic integrity, and the impact on learning.

V. AI holds tremendous promise, but also presents significant challenges, said AFT President Sam Weingarten in a statement. It's our responsibility as educators to **educators not only understand how AI works** — not the other way around.

W. For example, some worry that students using AI tools for assignments or teachers using AI for lesson planning and **the tech companies involved by providing direct feedback** and compromising it.

X. As part of the initiative, the group will develop a comprehensive AI training curriculum for educators, to be offered both online and at an in-person campus located in New York City.

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N. Weingarten emphasised that the academy will help **ensure AI serves our students and society** but also how to use it safely, ethically, and effectively in the classroom.

Question 6:

Which of the following highlighted phrases should the phrase **"ensure AI serves our students and society"** interchanged with to make a contextually meaningful sentence?

(a) a staple in many classrooms across the U.S.

(b) educators not only understand how AI works

(c) the tech companies involved by providing direct feedback

(d) grading may blur the line between facilitating education

(e) No correction required.

W. For example, some worry that students using AI tools for assignments or teachers using AI for lesson planning and **the tech companies involved by providing direct feedback** and compromising it.

Question 7:

Which of the following highlighted phrases should the phrase **"the tech companies involved by providing direct feedback"** interchanged with to make a contextually meaningful sentence?

(a) grading may blur the line between facilitating education ✓

(b) a staple in many classrooms across the U.S.

(c) ensure AI serves our students and society

(d) educators not only understand how AI works

(e) No correction required.

S. Such collaborations have previously proven advantageous — as seen with Google Chromebooks, which gained popularity in schools and are now **a staple in many classrooms across the U.S.**

Question 8:

Which of the following highlighted phrases should the phrase **"a staple in many classrooms across the U.S."** interchanged with to make a contextually meaningful sentence?

(a) the tech companies involved by providing direct feedback

(b) ensure AI serves our students and society

(c) educators not only understand how AI works

(d) grading may blur the line between facilitating education

(e) No correction required.

Question 9: Which of the following sentence can come between the **FIFTH** and **SEVENTH** sentences after the rearrangement?

(a) While many teachers see AI as a tool to reduce administrative burdens and enhance student engagement, concerns remain over ethical boundaries, academic integrity, and the impact on learning.

(b) New York City's education department, for instance, initially banned ChatGPT in 2023 but later reversed its decision, launching an AI Policy Lab to explore how the technology can be used responsibly in education.

(c) Such collaborations have previously proven advantageous — as seen with Google Chromebooks, which gained popularity in schools and are now **a staple in many classrooms across the U.S.**

(d) For example, some worry that students using AI tools for assignments or teachers using AI for lesson planning and **the tech companies involved by providing direct feedback** and compromising it.

(e) None of the above

Question 10:

Which of the following options is the pair of the **INTRODUCTORY** statement and the **TERMINAL** statement, respectively, after the correct rearrangement?
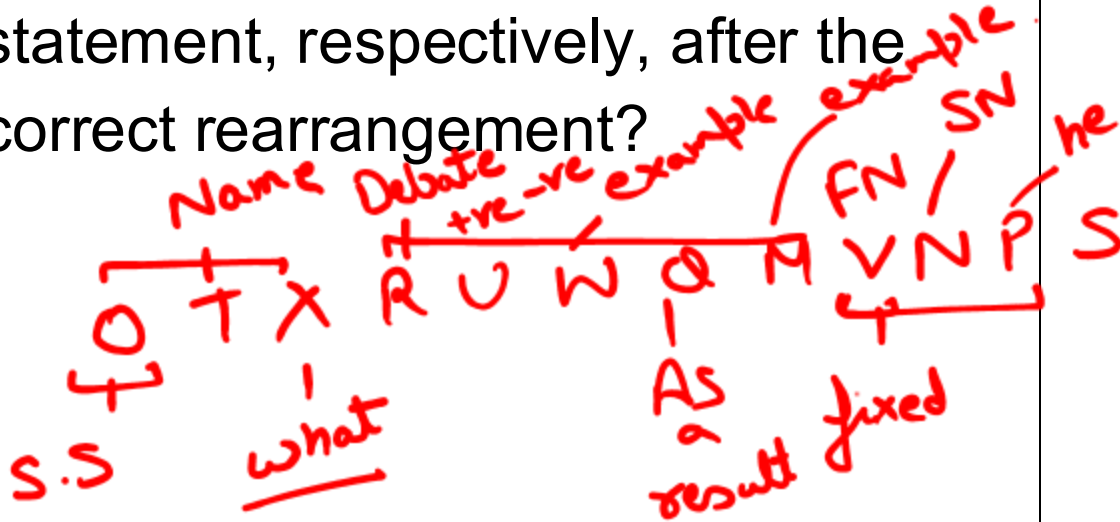
correct rearrangement?

(a)SR

(b)MN

(c)OS

(d)UW

(e)None of the above

Name Debate +ve-ve example example SN he also

O T X R U W Q M V N P S

S.S what AS a result fixed FN/

Question 11:

Which of the following options is the pair of the **Antipenultimate** statement and the **Penultimate** statement, respectively, after the correct rearrangement?

(a) NP

(b) UW

(c) TX

(d) UQ

(e) None of the above

Question 12:

Which of the following combinations is the combination of **THREE CONSECUTIVE** statements after the correct rearrangement?

(a)VQN

(b)TPS

(c)RXT

(d)UWQ

(e)None of the above

Set-3

Directions (13-17): Below are Twelve statements, given in a random order. When these statements are sequenced properly, they'll form a coherent and meaningful paragraph. After completing the passage, read the given passage carefully and answer the questions that follow.

T statement is fixed at the "Eight" place.

M. While the system has been tested regionally on five occasions over the past few years, the nationwide trial in 2023 exposed several technical issues.

N. The government later confirmed that around 7% of compatible devices did not receive the message during that test.

O. In response, McFadden noted that approximately 95% of the UK population is currently covered by 4G or 5G networks, and said the government is working continuously with telecom providers to improve coverage and system performance.

P. Some people received alerts earlier than expected, others didn't receive them at all, and a number of users got multiple notifications. Notably, many customers on the Three network, as well as some on other providers, failed to receive the alert.

Q. The UK government has announced that it will conduct another test of its national emergency alert system for mobile phones this September.

R. The Cabinet Office responded by promising to review the problems and address them before the next trial.

S. However, some MPs voiced concerns about coverage and accessibility.

T. Cabinet Office minister Pat McFadden compared the test to a routine fire drill, stating: Just like the fire alarm in your house, it's important we test the system so that we know it will work if we need it.

U. Liberal Democrat MP Sarah Olney warned that the system could miss "millions of people — those without phones, signal, or battery." Meanwhile, Stafford MP Leigh Ingham asked for reassurances that the alerts would reliably reach residents in rural areas.

V. The alert system is designed to warn the public about life-threatening emergencies, such as extreme weather events or terrorist attacks.

W. Addressing Parliament, McFadden said the alert system would play a critical role in preparing for various future emergencies.

X. As part of the test, compatible phones across the UK will vibrate and emit a loud siren-like sound for 10 seconds while displaying a message at 15:00 BST on 7 September, even if the device is on silent mode.

(Handwritten annotations: "M P N R", "Q V X", "(-ve)", "why", "TWSUO -", "(+ve)", "what will it do?", "Q X V M P N R T W S U O")

M. While the system has been tested regionally on five occasions over the past few years, the nationwide trial in 2023 exposed several technical issues.

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Question 13:

Which of the following is/ are the **TRUE** statement (s) based on the given paragraph?

I. McFadden promised that 100% of the population will receive the alert in the next test.
II. The emergency alert will only be sent to phones on the Three network.

III. The alert message will be displayed on compatible phones even if they are set to silent mode.

(a) Only III

(b) Both I and II

(c) Both I and III

(d) Only I

(e) All I, II and III

Question 14:

Which of the following sentence can come between the **Thrid** and **Fifth** sentences after the rearrangement?

(a) The UK government has announced that it will conduct another test of its national emergency alert system for mobile phones this September.

(b) Addressing Parliament, McFadden said the alert system would play a critical role in preparing for various future emergencies.

(c) While the system has been tested regionally on five occasions over the past few years, the nationwide trial in 2023 exposed several technical issues.

(d) The alert system is designed to warn the public about life-threatening emergencies, such as extreme weather events or terrorist attacks.

(e) None of the above

Question 15:

Which of the following options is the pair of the **INTRODUCTORY** statement and the **TERMINAL** statement, respectively, after the correct rearrangement?
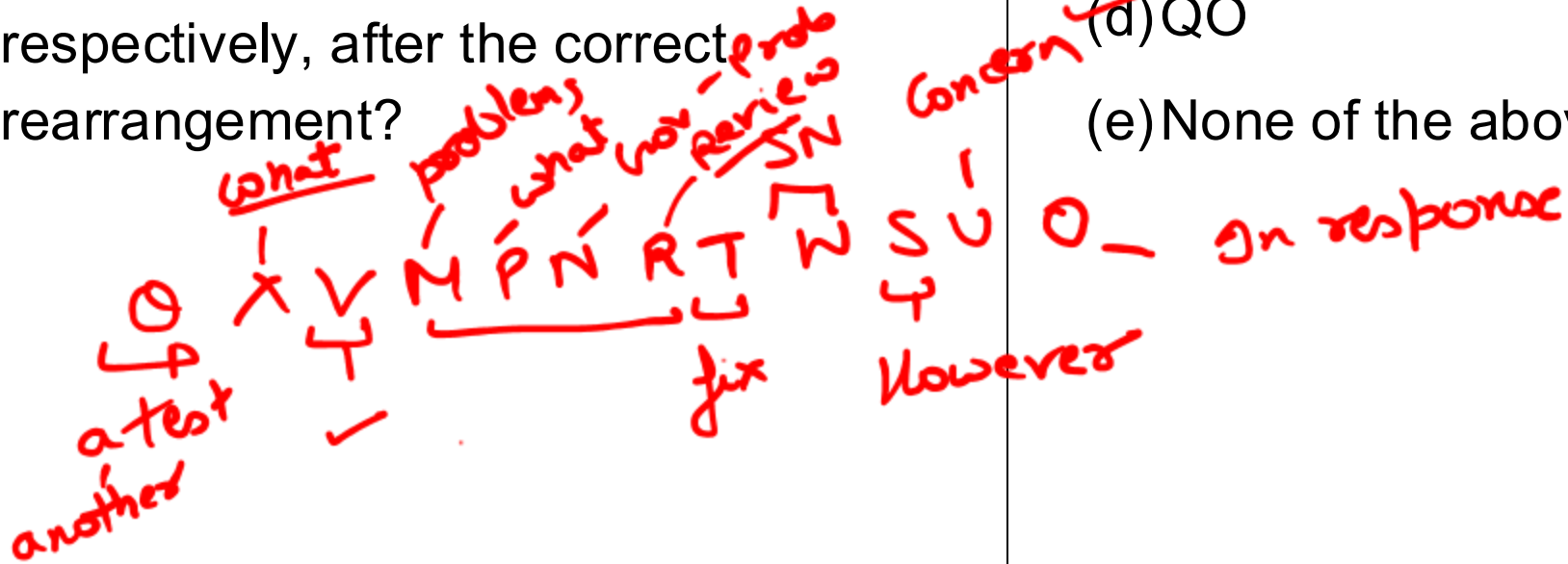
(a) NR

(b) XP

(c) MN

(d) QO

(e) None of the above

Question 16:

Which of the following options is the pair of the **Antipenultimate** statement and the **Penultimate** statement, respectively, after the correct rearrangement?

(a)XV

(b)SU

(c)VO

(d)MW

(e)None of the above

Question 17:

Which of the following combinations is the combination of **THREE CONSECUTIVE** statements after the correct rearrangement?

(a)OPS

(b)VMU

(c)PNR

(d)TWX

(e)None of the above