

# PARAJUMBLES

## **Set 1**

**Directions (1-5): Seven statements are given in jumbled form. Arrange them in the correct order to create a coherent paragraph. Afterwards, answer the questions based on the paragraph by reading them carefully:**

**P.** elements like hydrogen, helium, and **(a)**/ the Big Bang, about 13.8 billion years ago **(b)**/ formed shortly after **(c)**/ while scientists agree that lighter **(d)**/ trace amounts of lithium were **(e)**

**Q.** But the distribution of gold, which is heavier than iron, throughout the universe has posed a mystery to astrophysicists.

**R.** Astronomers have been trying to determine the cosmic origins of the heaviest elements, like gold, for decades.

**S.** This dramatic event produced gravitational waves—ripples in space-time—and a powerful gamma-ray burst. The collision, known as a kilonova, also generated heavy elements like gold, platinum, and lead.

**T.** In recent years, the cosmic production of gold has been linked to neutron star collisions.

**U.** Then, exploding stars released heavier elements like iron, which became incorporated in newborn stars and planets.

**V.** A groundbreaking observation in 2017 confirmed this theory when astronomers witnessed a neutron star merger.

### Question 1:

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

**P.** elements like hydrogen, helium, and **(a)**/ the Big Bang, about 13.8 billion years ago **(b)**/ formed shortly after **(c)**/ while scientists agree that lighter **(d)**/ trace amounts of lithium were **(e)**

- (a) bdcae
- (b) daecb
- (c) bdeca
- (d) debac
- (e) None of the above

## Question 2:

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

- (a) In recent years, the cosmic production of gold has been linked to neutron star collisions.
- (b) Astronomers have been trying to determine the cosmic origins of the heaviest elements, like gold, for decades.
- (c) A groundbreaking observation in 2017 confirmed this theory when astronomers witnessed a neutron star merger.

(d) But the distribution of gold, which is heavier than iron, throughout the universe has posed a mystery to astrophysicists.

(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) ST

(b) VT

(c) RS

(d) UQ

(e) None of the above

#### Question 4:

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

- (a) TV
- (b) PU
- (c) QR
- (d) RP
- (e) None of the above

**Question 5:**

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

- (a) PUV
- (b) TVR
- (c) UQT
- (d) STQ
- (e) None of the above



## **Set 2**

**Directions (6-10): Eight statements are given in jumbled form. Arrange them in the correct order to create a coherent paragraph. Afterwards, answer the questions based on the paragraph by reading them carefully:**

**P.** Nomi and Replika say their platforms are only for adults, and Character.AI says it has recently implemented additional youth safety measures.

**Q.** The report comes in the wake of a tragic lawsuit filed last year concerning the suicide of a 14-year-old boy whose final interaction was with a chatbot.

**R.** So, Other companies should also consider implementing changes to make their products as safe and user-friendly as Chatgpt.

**S.** Artificial intelligence (AI) companion apps present serious and unacceptable risks to children and teens, according to a new report by the nonprofit watchdog Common Sense Media.

**T.** But researchers say the companies need to do more to \_(A)\_ of their platforms, or protect them from accessing inappropriate content.

**U.** Common Sense Media asserts that such apps should not be accessible to users under the age of 18. In collaboration with researchers from Stanford University, the organization evaluated three leading AI companion apps: Character.AI, Replika, and Nomi.

**V.** That lawsuit, brought against the app Character.AI, thrust this new category of conversational apps into the spotlight — along with their potential risks to young people, leading to calls for more safety measures and transparency.

**W.** However, general-purpose AI tools like ChatGPT are designed to be more broadly appropriate and user-friendly, including for younger audiences.

### Question 6:

Which of the following is appropriate for the blank (A)?

T. But researchers say the companies need to do more to \_\_\_\_\_(A)\_\_\_\_\_ of their platforms, or protect them from accessing inappropriate content.

I. keep kids out of

II. keep kids off

III. keep kids down

- (a) Only I
- (b) Both II and III
- (c) Both I and II
- (d) Only II
- (e) All I, II and III

### Question 7:

Which of the following options is the **FOREMOST** statement after the correct rearrangement?

(a) V

(b) P

(c) S

(d) T

(e) None of the above

**Question 8:**

Which of the following options is the **HINDMOST** statement after the correct rearrangement?

(a) Q

(b) U

(c) W

(d) R

(e) None of the above

**Question 9:**

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

- (a) PT
- (b) TW
- (c) SR
- (d) VP
- (e) None of the above

**Question 10:**

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

- (a) QPW
- (b) VUP
- (c) TPS
- (d) SQW
- (e) None of the above

### **Set 3:**

**Direction (11-15): Seven statements are given in jumbled form. Arrange them in the correct order to create a coherent paragraph. Afterward, answer the questions based on the paragraph by reading them carefully:**



**P.** However, Eos went unnoticed because it contains very little carbon monoxide and therefore lacks the usual emissions that conventional instruments detect.

**Q.** The journal also outlines that molecular clouds are made of gas and dust, where molecules like hydrogen and carbon monoxide form.

**R.** Named Eos, after the Greek goddess of the dawn, this vast gas cloud would span a significant portion of the night sky if it were visible to the naked eye.

**S.** An invisible molecular cloud that could shed light on how stars and planets form has been detected surprisingly close to Earth.

**T.** Instead, the breakthrough came when researchers traced ultraviolet light emitted by hydrogen within the cloud, revealing its presence.

**U.** According to a study published in Nature Astronomy, Eos stretches across an area roughly 40 times the width of the Moon and has a mass approximately 3,400 times that of the Sun.

**V.** Study coauthor Thomas Haworth explained that scientists typically detect molecular clouds using radio and infrared signals, which reveal the presence of carbon monoxide.

### Question 11:

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

- I. Eos is smaller than the Moon and weighs about 3400 times the mass of Earth.
- II. Eos was first discovered through visible light emissions
- III. Eos was not previously detected because it contains very little carbon monoxide.

- (a) Only III
- (b) Both I and III
- (c) Both II and III
- (d) Only I
- (e) All I, II and III

**Question 12:**

Which of the following options is the **MEDIAN** statement after the correct rearrangement?

- (a) P
- (b) Q
- (c) V
- (d) S
- (e) None of the above

**Question 13:**

Which of the following options is the **MAIDEN** statement after the correct rearrangement?

(a) P

(b) Q

(c) T

(d) S

(e) None of the above

**Question 14:**

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

- (a) VP
- (b) TP
- (c) QR
- (d) US
- (e) None of the above

**Question 15:**

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

- (a) RVT
- (b) UQV
- (c) RST
- (d) USP
- (e) None of the above