

VIJETA CHECKLIST MAINS



CHECKLIST 128

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Directions (1-10): Eight statements are jumbled. Arrange them in the correct order to create a coherent paragraph. Afterwards, answer the questions based on the paragraph by reading them carefully:

- A.** Firefighters and plant workers heroically battled the blaze and radiation release, many suffering severe radiation sickness, with dozens dying in the weeks following the accident.
- B.** *nuclear plants worldwide (p)/ International response included (q)/ the International Chernobyl Disaster Remembrance Day (r)/ heightened safety protocols for (s)/ and the establishment of (t)*
- C.** On April 26, 1986, Reactor No. 4 at the Chernobyl Nuclear Power Plant in Ukraine suffered a catastrophic explosion during a late-night safety test, unleashing a massive radioactive cloud over the surrounding region and beyond.
- D.** Soviet officials initially attempted to downplay the disaster, delaying evacuation efforts in nearby towns such as Pripyat, which exposed thousands of residents to lethal doses of radiation.
- E.** The explosion was caused by a flawed reactor design combined with serious operator errors, which led to an uncontrollable power surge and subsequent reactor vessel rupture.
- F.** To contain the spread of radiation, a concrete sarcophagus, known as the "Chernobyl Shelter," was hastily constructed over the destroyed reactor, though concerns about its long-term durability persisted.
- G.** In recent years, the Chernobyl Exclusion Zone has become a focus for scientific research, tourism, and cultural memory, symbolizing both technological hubris and human resilience.
- H.** The disaster had profound environmental and health impacts, including increased cancer rates, genetic mutations, and contamination of vast areas, affecting millions across Europe.

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

nuclear plants worldwide (p)/ International response included (q)/ the International Chernobyl Disaster Remembrance Day (r)/ heightened safety protocols for (s)/ and the establishment of (t)

- (a) pqsrt
- (b) srtpq
- (c) qrstp
- (d) qsptr
- (e) None of the above

2. What conclusion can be drawn from the passage?

- (I) The Chernobyl disaster highlighted the dangers of flawed technology combined with human error.
(II) Immediate and transparent communication was crucial in managing nuclear disasters to protect public health.
(III) International cooperation and improved safety protocols have been key in preventing similar nuclear accidents worldwide.

- (a) Only (I)
(b) Only (II)
(c) Both (I) and (III)
(d) Only (III)
(e) None of the above

3. Can the following inference be made based on the passage?

Inference: Despite initial mishandling, the long-term international response to the Chernobyl disaster has shaped global nuclear policies and public attitudes toward nuclear energy.

- (a) Definitely true
(b) Probably true
(c) Cannot be determined
(d) Probably false
(e) Definitely false

4. Which of the following is a TRUE statement based on the passage?

- I. Delayed evacuation following the Chernobyl disaster significantly contributed to widespread radiation exposure and long-term health consequences.
II. The construction of the concrete sarcophagus solved all concerns about containing radiation from the destroyed reactor permanently.
III. The legacy of Chernobyl has influenced both international nuclear safety standards and public perception of nuclear technology's risks.

- (a) Only I
(b) Only II
(c) Both I and III
(d) Both II and III
(e) None of the above

5. Which of the following sentences can come between the **Sixth** and **Eighth** sentences after the rearrangement?

- (a) To contain the spread of radiation, a concrete sarcophagus, known as the "Chernobyl Shelter," was hastily constructed over the destroyed reactor, though concerns about its long-term durability persisted.

- (b) International response included heightened safety protocols for nuclear plants worldwide and the establishment of the International Chernobyl Disaster Remembrance Day.
- (c) The disaster had profound environmental and health impacts, including increased cancer rates, genetic mutations, and contamination of vast areas, affecting millions across Europe.
- (d) The explosion was caused by a flawed reactor design combined with serious operator errors, which led to an uncontrollable power surge and subsequent reactor vessel rupture.
- (e) None of the above

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

- (a) DG
- (b) CG
- (c) CA
- (d) CH
- (e) None of the above

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

- (a) EA
- (b) FD
- (c) FH
- (d) HB
- (e) None of the above

8. Which of the following options is the **SECOND** statement after the correct rearrangement?

- (a) D
- (b) G
- (c) C
- (d) H
- (e) E

9. Which of the following options is the combination of **THREE CONSECUTIVE** statements after the correct rearrangement?

- (a) DEA
- (b) HBG
- (c) DFH
- (d) HFB
- (e) None of the above

10. Which of the following options is the pair of the **ALTERNATE** statements after the correct rearrangement?

- (a) DF
- (b) AG
- (c) BE
- (d) EF
- (e) CE

ANSWER

1.Ans: (d)

Explanation: International response included heightened safety protocols for nuclear plants worldwide and the establishment of the International Chernobyl Disaster Remembrance Day.

2.Ans: (c)

Explanation: (I) The passage states that the explosion was caused by a flawed reactor design combined with serious operator errors. So this is true.

(II) The passage mentions Soviet officials delayed evacuation and tried to downplay the disaster, which had negative effects. While it implies the importance of communication, it doesn't explicitly highlight that immediate and transparent communication is crucial — it's more implied than directly stated.

(III) The passage mentions international response included heightened safety protocols and establishment of remembrance day, indicating cooperation and safety improvements worldwide. So this is true.

Therefore, the conclusions that are clearly supported are (I) and (III).

3.Ans: (b)

Explanation: The passage indicates that Soviet officials initially mishandled the disaster by delaying evacuation, which shows initial mishandling. It also states that the international response included heightened safety protocols worldwide and the establishment of an International Chernobyl Disaster Remembrance Day, suggesting a significant long-term impact on global nuclear policies and public awareness. However, since the passage doesn't explicitly state changes in public attitudes or the full extent of policy changes, the inference is "probably true" rather than "definitely true."

4.Ans: (c)

Explanation: (I) is true because the passage mentions that Soviet officials delayed evacuation, exposing thousands to lethal radiation, which contributed to long-term health impacts.

(II) is false since the passage states that although the concrete sarcophagus was built quickly to contain radiation, concerns about its long-term durability remained.

(III) is true because the passage explains that the disaster led to heightened international safety protocols and shaped cultural memory, reflecting both policy and public perception impacts.

5.Ans: (b)

Explanation: The correct order of the given sentences in the paragraph is **CEDAFHBG**.

C introduces the main topic by describing the explosion event itself on April 26, 1986. **E follows** by explaining the cause of the explosion, providing the technical background behind the disaster. **DA is a mandatory pair.** The delayed evacuation (D) is directly related to the immediate human response and sacrifices made by firefighters and workers (A). Then, **F** explains the efforts to physically contain the disaster with the construction of the concrete sarcophagus, showing the steps taken to limit further environmental damage. **HB is another mandatory pair.** The description of health/environmental impacts (H) logically precedes the discussion of the international response (B). Finally, **G** discusses the current status of the Chernobyl site, highlighting its role in scientific research, tourism, and as a symbol with a reflection on its legacy.

Statements after the correct rearrangement:

C. On April 26, 1986, Reactor No. 4 at the Chernobyl Nuclear Power Plant in Ukraine suffered a catastrophic explosion during a late-night safety test, unleashing a massive radioactive cloud over the surrounding region and beyond.

E. The explosion was caused by a flawed reactor design combined with serious operator errors, which led to an uncontrollable power surge and subsequent reactor vessel rupture.

D. Soviet officials initially attempted to downplay the disaster, delaying evacuation efforts in nearby towns such as Pripyat, which exposed thousands of residents to lethal doses of radiation.

A. Firefighters and plant workers heroically battled the blaze and radiation release, many suffering severe radiation sickness, with dozens dying in the weeks following the accident.

F. To contain the spread of radiation, a concrete sarcophagus, known as the "Chernobyl Shelter," was hastily constructed over the destroyed reactor, though concerns about its long-term durability persisted.

H. The disaster had profound environmental and health impacts, including increased cancer rates, genetic mutations, and contamination of vast areas, affecting millions across Europe.

B. *International response included heightened safety protocols for nuclear plants worldwide and the establishment of the International Chernobyl Disaster Remembrance Day.*

G. In recent years, the Chernobyl Exclusion Zone has become a focus for scientific research, tourism, and cultural memory, symbolizing both technological hubris and human resilience.

6.Ans: (b)

Explanation: The correct order of the given sentences in the paragraph is **CEDAFHBG**.

7.Ans: (d)

Explanation: The correct order of the given sentences in the paragraph is **CEDAFHBG**.

8.Ans: (e)

Explanation: The correct order of the given sentences in the paragraph is **CEDAFHBG**.

9.Ans: (b)

Explanation: The correct order of the given sentences in the paragraph is **CEDAFHBG**.

10. Ans: (a)

Explanation: The correct order of the given sentences in the paragraph is **CEDAFHBG**.



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