MIXED QUESTIONS

Directions (1-9): Read the following passage carefully	orbiting laboratory. Shukla's
and answer the questions.	trip comes 41 years after
	cosmonaut Rakesh Sharma
There are several reasons to (A) symbolic the successful	became the first Indian to fly
launch of the Axiom-4 (Ax-4) mission. First, it marks the	to space aboard a Russian
beginning of India's human spaceflight. Though the	Soyuz in 1984. But
mission was undertaken on a commercial flight operated	Sharma's achievement was
by Houston-based private company Axiom Space, it is a	largely (B) impacts and of
collaboration between NASA, Indian Space Research	inspirational value as India
Organisation (ISRO), European Space Agency (ESA),	did not at the time have the
and SpaceX. Group Captain Shubhanshu Shukla, who's	
piloting the mission, has become only the second Indian	
to travel to space. And when the spacecraft docked at the	
International Space Station (ISS) on Thursday, he	
became the first ever Indian to visit NASA's	

infrastructure and the capability to make productive use of his learnings. In comparison, Shukla's trip will have huge practical implications. The experience Shukla will gain during his 14-day mission will help India's space efforts immensely. Axiom-4 has scheduled several experiments, the results of which would help ISRO execute its own manned spaceflight, Gaganyaan, two years later. ISRO's next big project, after Gaganyaan, is to build its own space station. That is a massive infrastructural endeavour. Shukla would be in a position to offer critical inputs here as well. There are at least seven experiments, relating to impacts on human health and growth of crops in microgravity environments, which ISRO has designed for the mission. One of the experiments relates to the study of the growth rate,	biochemical activity of cyanobacteria — a group of bacteria that are known to produce energy through photosynthesis just like plants. There is growing interest in studying this microorganism as it may offer the key to deep space.
cellular responses, and	

moon or other planets: a self-sustaining system for oxygen production without need for resupply from earth Another experiment would look at the (C) celebrate of spaceflight on germination and growth of sprouts in space. There is another to study the impact on crop	can also be affected by a person's weight. On Earth, it is very difficult to decouple these two causes pecause of gravity. Space's zero-gravity environment gets rid of the
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weight factor and allows the study of changes in muscles
purely due to natural reasons, which can lead to
breakthroughs in the understanding of human health.
In the last few years, ISRO has carried out a number of
important missions that have placed India in a very small
group of countries with cutting-edge space capabilities.
Thus, Axom-4 is a/ an(A) forward. It's not just
about sending an astronaut to space; it's about building a
foundation for future space exploration and technological
innovation. The mission's scientific objectives have the
potential to benefit humanity.

Question 1:	(a) Only I
The given passage has a blank (A) that can be filled with	(b) Both I and III
the following options. Choose the one that fits best to make the sentence coherent:	(c) Only II
	(d) Both II and III
"Thus, Axom-4 is a/ an(A) forward. It's not just about sending an astronaut to space; it's about building a foundation for future space exploration and technological innovation. The mission's scientific objectives have the potential to benefit humanity."	(e) All of I, II, and III
I. regression	
II. giant leap	
III. stepping stone	

Question 2:	(a) BAC
In the above passage, three words	(b) CBA
are highlighted and marked as A, B,	(c) BCA
and C, which may or may not be in their correct positions. You have to	(d) CAB
choose the correct option below to arrange the words coherently.	(e) No arrangement required

Question 3:	(a) Only I
What does the author primarily seek to convey through the passage?	(b) Both I and II
	(c) Only II
	(d) Both II and III
I. The Ax-4 mission marks India's independent debut in human spaceflight.	(e) None of the above
II. The mission supports ISRO's scientific ambitions through meaningful experimentation.	
III. India's astronaut will play a key symbolic role in international diplomacy.	

Question 4:	(a) Only II
Which of the following cannot be inferred from the passage?	(b) Only III
	(c) Both II and III
	(d) Both I and II
I. Microalgae and cyanobacteria may assist in long-duration space missions.	(e) None of the above
II. The Gaganyaan mission has already been launched by ISRO.	
III. Zero gravity provides an experimental advantage over terrestrial settings.	

Question 5:	(d) ISRO's
Based on the passage, which of the following is most accurate?	experiments have little to do with sustainability in space.
(a) Rakesh Sharma contributed to scientific experimentation aboard ISS.	(e) None of the above
(b) ISRO designed experiments to support Gaganyaan based on earlier astronaut data.	
(c) The Ax-4 mission includes multiple plant and human biology-related experiments.	

Question 6:
Choose the word that best describes the tone of the author in the given passage.
(a) Expository and admiring
(b) Neutral and informative
(c) Disparaging and sarcastic
(d) Apathetic and neutral
(e) Humorous and light-hearted.

Question 7:	(a) Only I
Which of the following statements is "TRUE" based on the passage?	(b) Both I and III
	(c) Only II
	(d) All I, II, and III
I. Group Captain Shukla is the first Indian to visit the International Space Station.	(e) Both II and III
II. Rakesh Sharma's mission laid the technical groundwork for India's current space program.	
III. One experiment aboard Ax-4 is related to muscle degeneration in microgravity.	

Question 8:	(d) It is linked with
Why is cyanobacteria being studied in the Ax-4 mission?	shielding astronauts from radiation.
	(e) None of the above
(a) It can act as a high-protein space food supplement.	
(b) It holds potential as a source of nuclear energy.	
(c) It might enable oxygen production in long-term space habitats.	

In the last few years, ISRO has carried out a number of important missions that have placed India in a very small group of countries with cutting-edge space capabilities.	(a) Only I
	(b) Only III
	(c) Only II
Question 9:	(d) Both I and III
Which of the following options is the most appropriate Synonym(s) of the word "cutting-edge", as used in the passage?	(e) Both I and II
I. sprouting	
II. obsolete	
III. pioneering	

Directions (10-14): The passage given	
below contains some blanks wherein	
the words have been removed. Find the	
word from the given options that is	
suitable for each blank and mark that as	
your answer.	

In their words, "Agentic AI has the potential to	(a) Only III
perform as a highly(A) teammate	(b) Both I and III
by providing insights from derivative events that are often not visible to human teammates."	(c) All of I, II and III
	(d) Both II and III
Question 10:	(e) None of the above
Which of the following best fits in Option A?	
I. adept	
II. competent	
III. proficient	

To elaborate, with the ubiquitous use of	(a) Only I
generative AI, the first level was	(b) Both I and III
(B) querying, wherein natural language processing (NLP) is used for replies.	(c) Only III
	(d) Both I and II
Question 11:	(e) None of the above
Which of the following best fits in Option B?	
I. rudimentary	
II. cohesive	
III. dousing	

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Now, we are witnessing the transition to the	(a) Only II
next level — solving more(C)	(b) Both I and II
problems autonomously.	(c) Both II and III
Question 12:	(d) All of I, II and III
Question 12:	(e) None of the above
Which of the following best fits in Option C?	
I. subtle	
II. intricate	
III. nuanced	

Or it could pertain to autonomous fraud detection, triggered by an anomalous login or atypical behaviours, resulting in an instant customer alert, or rapid(D) like freezing the account.	(a) Only I(b) Both I and III(c) Only II(d) Both II and III
	(e) None of the above
Question 13:	
Which of the following best fits in Option D?	
I. remediation	
II. endurance	
III. rectification	

This could involve behavioural biometrics	(a) Both II and III
and(E) forecasts leveraging	(b) Both I and II
financial crime databases.	(c) Only III
	(d) All I, II and III
Question 14:	(e) None of the above
Which of the following best fits in Option	
E?	
I. prognostic	
II. predictive	
III. cursory	

Directions (15-19): In the following	
questions, a set of sentences is given and	
are jumbled. You are required to	
rearrange the given sentences properly to	
form a meaningful paragraph. Answer the	
following questions based on the	
rearranged sequence.	

 P. The update follows a £24 million investment in security upgrades at the airport, which included the installation of eight advanced 3D scanners and two additional lanes. Q. In addition to this change, travellers are no longer required to take out large electronic devices such as iPads, tablets, or laptops during security checks. 	T. Edinburgh Airport has become the first in Scotland to lift the long-standing 100ml liquid rule for hand luggage.
R. Passengers can now carry liquid containers of up to two litres through security without needing to remove them from their bags.	
S. These new measures not only offer greater convenience and flexibility for passengers but also enhance safety standards through the use of cutting-edge 3D scanning technology.	

Question 15:	(a) P
Which of the following options is the	(b) S
SECOND statement, after the correct	(c) R
rearrangement?	(d) Q
	(e) T

Question 16:	(a) Q
Which of the following options is the	(b) T
FOURTH statement, after the correct	(c) P
rearrangement?	(d) R
	(e) S

Question 17:	(a) T
Which of the following options is the FIRST	(b) P
statement, after the correct rearrangement?	(c) R
	(d) S
	(e) Q

Question 18:	(a) P
Which of the following options is the FIFTH	(b) S
(LAST) statement, after the correct rearrangement?	(c) R
	(d) T
	(e) Q

Question 19:	(a) S
Which of the following options is the THIRD	(b) P
statement, after the correct rearrangement?	(c) T
	(d) R
	(e) Q

Directions (20-24): In each of the	
questions, a sentence has been divided	
into four parts, one of which may	
contain an error. Identify that fragment	
and mark it as your answer. Mark (E) if	
the sentence contains no error.	

Question 20:	(a) A
Despite the growing emphasis on financial literacy, some people experience (A)/	(b) B (c) C
psychological barriers that prevent them from taking control of its (B)/ finances,	(d) D
including anxiety about money, a fear of making mistakes, (C)/ or a learned	(e) No error
helplessness developed from repeated economic hardship. (D)	

Question 21:	(a) A
Experts have risen concerns that the massive increase (A)/ in spending on defense over the past three years has come (B)/ at the expense of crucial sectors (C)/ like education, healthcare, and environmental protection. (D)	(b) B (c) C (d) D (e) No error

Question 22:	(a) A
The sanctions package announced by (A)/ the EU included a ban on transactions (B)/ related to energy imports from the (C)/ sanctioned country, significantly impacting its economy. (D)	(b) B (c) C
	(d) D (e) No error

Question 23:	(a) A
In policy debates, economic concerns are (A)/ frequent combined with national security (B)/ arguments to justify (C)/	(b) B (c) C (d) D
decisions on trade, technology, and immigration. (D)	(e) No error

Question 24:	(a) A
One of the concern voiced by educators is	(b) B
(A)/ that the shift to remote learning may	(c) C
widen (B)/ the achievement gap between (C)/ students with access to technology	(d) D
and those without. (D)	(e) No error

Directions (25-27): Select the	
starter/connectors from the given	
options which can be used to form a	
single sentence from the two sentences	
given below, implying the same	
meaning as expressed in the statement	
sentences.	

(i) The government launched an (b) Even though	Question 25:	(a) However
ambitious digital literacy program targeting rural areas. (ii) Millions of citizens were trained in using essential digital tools. (c) Consequently (d) Moreover (e) None of the above	targeting rural areas. (ii) Millions of citizens were trained in	(d) Moreover

Question 26:	(a) Similarly
(i) The startup raised significant	(b) Nevertheless
funding in its first round.	(c) Also
(ii) It still struggled to achieve market	(d) Therefore
enetration.	(e) None of the above

Question 27:	(a) Otherwise		
(i) The company launched a	(b) On the contrary		
sustainability initiative to reduce its	(c) Additionally(d) Despite(e) None of the above		
carbon footprint.			
(ii) It started sourcing materials from eco-friendly suppliers.			

Direction (28-30): In the questions given	
below, parts of sentences have been	
divided and put in Columns I and II. You are	
required to match the parts given in Column	
I to that of those in Column II to make	
grammatically correct sentences and mark	
the option containing the best	
combinations as your answer.	

Column 1	Column 2	Question 28:
(A) The new strategic framework adopted at the summit calls on member (D) its spending on vital social programs like healthcare, education, and rural	(a) A-E, B-D and C-F	
	(b) A-E, B-F and C-D	
states to invest in their	,	(c) A-F, B-D and C-E
security not only	(d) A-F, B-E and C-D	
(B) The government has refused to increase defense allocations, arguing that doing so would compromise	(E) as more individuals retire early while contributions from the working-age population stagnate.	(e) None of the above
(C) Policy delays in implementing retirement age reforms are essentially leading to even higher pension spending,	(F) through military spending, but also by strengthening critical infrastructure, countering misinformation, and boosting energy resilience.	

Column 1	Column 2	Question 29:	
(A) The region's	(D) everything possible to	(a)	A-E, B-F and C-D
freshwater supply is largely replenished by			A-D, B-F and C-E
snow and glacier melt, remote areas. meaning even slight	(c)	A-D, B-E and C-F	
	(d)	A-E, B-D and C-F	
(B) If we are serious about ensuring equitable access to education, we need to do	(E) variations in seasonal temperatures can significantly impact water availability for agriculture and drinking purposes.	(e)	None of the above
(C) Healthcare systems need to do everything possible to achieve early detection and timely	(F) treatment of chronic diseases, which are rapidly becoming the leading cause of death worldwide.		

Column 1	Column 2		Question 30:		
(A) Mounting public outrage over environmental violations by large corporations	last month it plans to revise policies to strengthen oversight		last month it plans to revise policies to strengthen oversight		A-F, B-D and C-E A-E, B-F and C-D A-D, B-E and C-F
(B) Although it presents itself as a land of opportunity, the nation has a long history of			A-E, B-D and C-F None of the above		
(C) Many environmental activists have expressed concern over the lack of regulation in the mining sector,	(F) strict immigration policies that have, at various times, targeted specific ethnicities or nationalities through quotas and exclusions.				