

**Pre-examination Training for SC/ST/OBC Candidates under Regular
Recruitment Drive for Junior Associates**

English Language Set-2

Directions (1–6): Read the following passage carefully and answer the questions that follow.

As global populations continue to rise and urban areas expand, traditional agricultural methods face unprecedented challenges. Limited arable land, water scarcity, and the environmental impact of long-distance food transportation necessitate innovative solutions. One such promising innovation gaining traction is vertical farming, a method of growing crops in vertically stacked layers, often indoors, under controlled environmental conditions. This revolutionary approach utilizes technologies such as hydroponics, aquaponics, or aeroponics, which eliminate the need for soil and significantly reduce water consumption.

The advantages of vertical farming are numerous and compelling. By cultivating food in a stacked configuration, these farms can produce significantly more crops per square meter compared to conventional fields, addressing concerns about land scarcity. Water usage is drastically cut, sometimes by as much as 95%, through recirculation systems. Moreover, the enclosed environment protects plants from pests and diseases, negating the need for chemical pesticides and herbicides, thus yielding cleaner, healthier produce. With climate control, crops can be grown year-round, regardless of external weather conditions, and located in urban centers, drastically shortening the supply chain and reducing carbon emissions associated with transportation.

However, the widespread adoption of vertical farming is not without its hurdles. The initial capital investment for setting up a vertical farm can be substantial, encompassing advanced LED lighting systems, climate control infrastructure, and sophisticated monitoring equipment. Energy consumption, particularly for artificial lighting and temperature regulation, remains a significant operational cost, though ongoing research into more energy-efficient LEDs is promising. Furthermore, while highly effective for leafy greens, herbs, and some berries, expanding the range of economically viable crops to include staples like grains and root vegetables presents considerable technological and economic challenges.

Despite these challenges, the long-term prospects for vertical farming remain bright. It offers a viable pathway towards enhancing food security, fostering urban sustainability, and providing fresh, locally grown produce to communities worldwide. As technology advances, energy efficiency improves, and research expands the diversity of cultivable crops, vertical farming is poised to play an increasingly critical role in shaping the future of global food production. Its potential to transform agriculture from a land-intensive, resource-draining industry into a localized, sustainable, and high-yield system is immense.

Q.1. Which of the following best describes the connection between the second and third paragraphs?

A. The second paragraph lists the historical origins of vertical farming, while the third details its current global distribution.

B. The second paragraph outlines the primary benefits of vertical farming, and the third then discusses the obstacles to its implementation.

C. The second paragraph explains how vertical farming works, and the third expands on the specific technologies used.

D. Both paragraphs detail the environmental benefits, with the third focusing on water conservation specifically.

E. The second paragraph highlights successful case studies, while the third provides a comparative analysis with traditional farming.

Q.2. According to the passage, which of the following statements about vertical farming is/are true?

I. It consistently eliminates the need for any form of soil.

II. It is primarily cost-effective for growing staple crops like grains.

III. It can significantly reduce transportation-related carbon emissions.

A. Only I

B. Only II

C. Only III

D. Only I and III

E. All I, II and III

Q.3. Based on the fourth paragraph, what can be inferred about the future of vertical farming?

A. Its growth is solely dependent on government subsidies and regulations.

B. It is expected to completely replace traditional agriculture within the next decade.

C. Continued technological progress is crucial for overcoming current limitations and expanding its impact.

D. The focus will shift entirely to cultivating a wider variety of staple crops, abandoning leafy greens. E. It will primarily serve niche markets rather than contributing significantly to global food security.

Q.4. Which of the following is NOT mentioned as a mechanism by which vertical farming offers benefits?

A. Utilizing hydroponics, aquaponics, or aeroponics.

B. Protecting plants from external pests and diseases.

C. Employing sophisticated genetic modification techniques.

D. Recirculating water within the system.

E. Controlling environmental conditions year-round.

Q.5. Which of the following is highlighted in the passage as a significant benefit of vertical farming concerning land use?

A. It allows for the conversion of desert lands into arable fields.

B. It requires less land per unit of crop production due to stacked layers.

C. It revitalizes depleted soils through advanced nutrient delivery.

D. It enables farmers to harvest multiple crops from a single plant.

E. It reduces the need for crop rotation.

Q.6. Which of the following is an antonym for the word "sophisticated" as used in the passage?

A. Advanced

B. Intricate

C. Complex

D. Primitive

E. Refined

Directions (7-11): Read each sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is 'No error', the answer is (E). (Ignore errors of punctuation, if any.)

Q.7. Neither the students (A)/ nor the teacher (B)/ **were** (C)/ present in the class. (D)/ No error (E)

A

B

C

D

E

Q.8. If I **would have known** (A)/ about the problem, (B)/ I would have helped (C)/ you out. (D)/ No error (E)

A

B

C

D

E

Q.9. He divided (A)/ his property (B)/ **between** his four children (C)/ equally. (D)/ No error (E) A. A

B. B

C. C

D. D

E

Q.10. She has been (A)/ working here (B)/ **since** five years (C)/ without a break. (D)/ No error (E)

A

B

C

D

E

Q.11. The news of her promotion (A)/ was **so surprising** (B)/ that everyone (C)/ was happy for her. (D)/ No error (E)

- A
- B
- C
- D
- E

Answers to the Generated Questions:

Q.7. C (Error: With "Neither...nor," the verb agrees with the subject closer to it. "Teacher" is singular, so "was" should be used instead of "were.")

Q.8. A (Error: In a conditional sentence (Type 3), the "if" clause uses the past perfect tense. "If I would have known" should be "If I had known.")

Q.9 C (Error: "Between" is used for two items, while "among" is used for more than two. Since there are four children, "among" should be used instead of "between.")

Q.10. C (Error: "Since" is used for a point in time (e.g., "since 2010"), while "for" is used for a duration (e.g., "for five years"). Here, "for" should be used.)

Q.11. B (Error: "So surprising" is used with a 'that' clause to show result (e.g., "so surprising *that* I couldn't believe it"). Here, the adverb "very" or "extremely" would be more appropriate: "was very surprising.")

Directions (12-15): In each of the following questions given below there are three blanks, each blank indicates that something has been omitted. Choose the set of words for each blank which best fit to complete the sentence meaningfully.

Q.12. The government's new policy aims to _____ social inequality by _____ opportunities and improving access to essential _____ for all citizens.

- exacerbate, limiting, resources
- alleviate, expanding, services
- maintain, restricting, amenities
- disregard, creating, burdens
- ignore, diminishing, benefits

Q.13. Historically, societies have sought to _____ knowledge through education, hoping to _____ future generations with the wisdom to _____ complex challenges.

- conceal, burden, avoid
- transmit, equip, navigate
- destroy, strip, confront
- suppress, provide, ignore
- accumulate, deprive, solve

Q.14. The _____ of the new drug was met with _____ optimism, as preliminary trials had shown _____ results in treating the rare disease.

- release, guarded, promising
- delay, widespread, inconclusive
- prohibition, cautious, negative
- withdrawal, immense, disastrous
- production, minimal, negligible

Q.15. A _____ analysis of the data revealed several _____ trends, suggesting that current strategies might not be _____ enough to achieve the desired outcomes.

superficial, obvious, effective
comprehensive, underlying, sufficient
quick, misleading, applicable
brief, insignificant, relevant
shallow, hidden, robust

Answers:

Q.12. The government's new policy aims to **alleviate** social inequality by **expanding** opportunities and improving access to essential **services** for all citizens. **Correct Answer: B**

Q.13. Historically, societies have sought to **transmit** knowledge through education, hoping to **equip** future generations with the wisdom to **navigate** complex challenges. **Correct Answer: B**

Q.14. The **release** of the new drug was met with **guarded** optimism, as preliminary trials had shown **promising** results in treating the rare disease. **Correct Answer: A**

Q.15. A **comprehensive** analysis of the data revealed several **underlying** trends, suggesting that current strategies might not be **sufficient** enough to achieve the desired outcomes. **Correct Answer: B**

Directions (16 - 20) In the following question, a sentence is given with three words marked as (A), (B) and (C). Among the options choose the correct order of words that is required to make the sentence grammatically and contextually correct. If no change is required, mark 'No correction required' as the answer.

16. The government has species (A) a new launched (B) to initiative (C) endangered protect (D).

DBCA
BCDA
CADB
ADBC
No rearrangement required

17. Many work (A) are improve (B) remote businesses (C) models to adopting (D) flexibility.

CDAB
DBAC
ACBD
BADC
No rearrangement required

18. Recent advances (A) in medical technology (B) have revolutionized treatment (C) options for many diseases (D).

CDAB
DBCA
No rearrangement required
ACBD

BADC

19. Community development (A) emphasized the leaders (B) of importance (C) for local collaboration (D).

BCAD

DCBA

ADBC

CADB

No rearrangement required

20. The tourists (A) city's attract (B) sites ancient (C) thousands of historical (D) every year.

BADC

ACBD

CDBA

DBAC

No rearrangement required

Answers:

16. B. BCDA

Original Sentence: The government has species (A) a new launched (B) to initiative (C) endangered protect (D).

Correct Sentence: The government has launched (B) a new initiative (C) to protect (D) endangered species (A).

17. A. CDAB

Original Sentence: Many work (A) are improve (B) remote businesses (C) models to adopting (D) flexibility.

Correct Sentence: Many businesses (C) are adopting (D) remote work (A) models to improve (B) flexibility.

18. C. No rearrangement required

Original Sentence: Recent advances (A) in medical technology (B) have revolutionized treatment (C) options for many diseases (D).

Correct Sentence: The given sentence is already grammatically and contextually correct.

19. A. BCAD

Original Sentence: Community development (A) emphasized the leaders (B) of importance (C) for local collaboration (D).

Correct Sentence: Community leaders (B) emphasized the importance (C) of collaboration (D) for local development (A).

20. C. CDBA

Original Sentence: The tourists (A) city's attract (B) sites ancient (C) thousands of historical (D) every year.

Correct Sentence: The ancient (C) city's historical (D) sites attract (B) thousands of tourists (A) every year.

Directions(21-25): Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in a proper sequence to form a meaningful paragraph. Then answer the questions given below.

(A) Consequently, efforts are now being made to tackle this growing crisis through community-led awareness programs.

(B) This initiative aims to educate the public about responsible disposal and promote the use of biodegradable alternatives.

(C) Many marine animals mistake these plastic fragments for food, leading to internal injuries and starvation.

(D) The widespread use of single-use plastics has become a significant global environmental challenge.

(E) These materials often end up in oceans, where they break down into microplastics but never truly disappear.

(F) By fostering such sustainable practices, we hope to reduce plastic pollution and protect our planet's ecosystems.

Questions:

21. Which of the following should be the FIRST statement after rearrangement?

- a) A
- b) B
- c) C
- d) D
- e) E

22. Which of the following should be the THIRD statement after rearrangement?

- a) A
- b) B
- c) C
- d) D
- e) E

23. Which of the following should be the LAST (SIXTH) statement after rearrangement?

- a) B
- b) C
- c) D
- d) E
- e) F

24. Which statement describes the specific consequence of plastic pollution on marine animals?

- a) A
- b) B
- c) C
- d) D
- e) E

25. In the correctly rearranged paragraph, which statement directly follows the one discussing community-led awareness programs (A)?

- a) B
- b) C
- c) D
- d) E
- e) F

Correct Sequence and Answers:

The correct sequence of the sentences to form a meaningful paragraph is:

D) The widespread use of single-use plastics has become a significant global environmental challenge. (Introduces the main problem)

E) These materials often end up in oceans, where they break down into microplastics but never truly disappear. (Explains what happens to the plastics)

C) Many marine animals mistake these plastic fragments for food, leading to internal injuries and starvation. (Details a specific negative impact)

A) Consequently, efforts are now being made to tackle this growing crisis through community-led awareness programs. (Transitions to the efforts/solutions)

B) This initiative aims to educate the public about responsible disposal and promote the use of biodegradable alternatives. (Explains the nature of the initiative)

F) By fostering such sustainable practices, we hope to reduce plastic pollution and protect our planet's ecosystems. (Concludes with the overarching goal)

Correct Sequence: D, E, C, A, B, F

Directions (26-30): In this question, a part of the sentence is made bold. Below are given alternatives to the bold part at (A), (B), (C) and (D) which may improve the sentence. Choose the correct alternative. In case no replacement is needed, mark (E) as your answer.

26) Despite facing numerous obstacles, the team managed to achieved their quarterly targets ahead of schedule.

- A. managed to achieve
- B. manages to achieved
- C. managing to achieve
- D. managed achieving
- E. No correction required

27) There were less people at the conference than we had initially anticipated, which was quite a surprise.

- A. lesser people
- B. few people
- C. fewer people
- D. a few people
- E. No correction required

28) The company aims to increase efficiency, reducing costs, and to expand its market share in the coming year.

- A. reduce costs, and to expand
- B. reduce costs, and expanding
- C. reduce costs, and expand
- D. reducing costs, and expanding
- E. No correction required

29) She is a talented artist with a strong passion for the art of painting since childhood.

- A. passion for art

- B. passionate for the art
- C. passion for painting
- D. passionate about painting
- E. No correction required

30) If he would have arrived on time, he might have caught the last train to the city.

- A. would arrive
- B. had arrived
- C. has arrived
- D. was arriving
- E. No correction required

Answer Keys: 26. A 27. C 28. C 29. C 30. B

Directions (31-35): Following questions have words given in bold each having five alternatives. Choose the word among the given options which has either most similar or most opposite meaning to the bold word.

31. ACUMEN

- A) Dullness
- B) Benevolence
- C) Fortitude
- D) Grandeur
- E) Hilarity

32. VAPID

- A) Spirited
- B) Cautious
- C) Verbose
- D) Abject
- E) Meticulous

33. ESCHEW

- A) Embrace
- B) Extol
- C) Entail
- D) Enervate
- E) Elucidate

34. PERNICIOUS

- A) Salubrious
- B) Punctilious
- C) Perspicacious
- D) Plausible
- E) Pristine

35. CACOPHONY

- A) Euphony
- B) Calamity
- C) Caprice
- D) Cadence
- E) Cohesion

Answer Key: 31. A, 32. A, 33. A, 34. A, 35. A

Directions (36-40): In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

Artificial Intelligence (AI) is rapidly transforming various industries, from healthcare to finance. Its ability to process vast amounts of data and **(36)** complex patterns has led to significant advancements. However, the ethical implications of AI development are a growing **(37)** for researchers and policymakers alike. Questions regarding job displacement, privacy concerns, and algorithmic bias need to be **(38)** carefully. Many believe that if AI is developed and **(39)** responsibly, it has the potential to solve some of humanity's most pressing challenges. It is therefore **(40)** that we foster a balanced approach to its progress, ensuring both innovation and societal well-being.

36. A) ignore B) discern C) suppress D) overlook E) simplify

37. A) triviality B) luxury C) concern D) amusement E) coincidence

38. A) dismissed B) ignored C) tackled D) overlooked E) forgotten

39. A) misused B) forgotten C) deployed D) abolished E) hindered

40. A) insignificant B) optional C) imperative D) trivial E) secondary

Answer Key: 36. B 37. C 38. C 39. C 40. C