

SBI PO Mains English Memory Based Paper

Directions (1-9): Read the following passage and answer the given questions.

For many individuals, the mere sight of a needle can create intense fear and anxiety. This fear, known as trypanophobia, has been a significant barrier for patients who need regular injections, especially those suffering from diabetes and dependent on daily insulin shots. Because of the pain and discomfort associated with traditional injections, some patients delay or even avoid taking essential medicines, putting their health at serious risk. To address this challenge, researchers at the Massachusetts Institute of Technology (MIT) have been exploring advanced technologies that can replace conventional injections with an easier, less frightening method: ingestible capsules that can deliver medicine internally.

The innovative idea behind these capsules is simple yet **groundbreaking**. Each capsule contains a miniature needle designed to inject the medicine directly into the stomach lining after being swallowed. This way, the medicine, such as insulin, can enter the bloodstream without the need for a traditional syringe. However, early trials revealed a crucial problem. For the injection to be effective, the tiny needle must penetrate the stomach wall at a precise angle. The stomach's constant movement and the varying position of the capsule made it extremely difficult to maintain this level of accuracy. As a result, the first version of the capsule struggled to deliver consistent results.

To overcome this obstacle, scientists designed two new types of capsules inspired by unique natural and technological models. The first design was modeled after a space lander. This capsule was built to orient itself steadily once inside the stomach and then spray the medicine downward. To test its effectiveness, researchers used a green dye on pig tissues to simulate how the medicine would be delivered. The experiment showed encouraging results, as the medicine reached the targeted tissues efficiently. The second design took inspiration from squids, which can release ink forcefully using a special muscle. In this model, the capsule was cylindrical and capable of spraying the medicine sideways by using a similar muscular mechanism. This method also proved successful in laboratory tests.

Both experimental approaches demonstrated that delivering insulin or other injectable drugs through swallowable capsules is not only possible but also highly promising. Although further research and clinical trials are necessary before this technology becomes widely available, these results bring hope to diabetic patients who fear needles. By removing the pain and psychological discomfort of injections, MIT's capsule technology could revolutionize diabetes care and eventually change the way many other injectable medicines are administered.

Q1. Evaluate the following statements based on the passage:

- (I) Both new capsule models were tested using animal tissue but not live subjects.
 - (II) Researchers primarily sought to enhance the effectiveness of insulin through new formulations.
 - (III) The redesigned capsules offer potential solutions not only for diabetic patients but also for those who suffer from needle-related anxiety.
- (a) Only (I) and (III) are correct
 - (b) Only (I) is correct
 - (c) Only (II) and (III) are correct
 - (d) All of the statements are correct
 - (e) Only (III) is correct

Q2. Which of the following challenges did researchers face during early trials of the capsule?

- (a) The miniature needles broke under stomach pressure.
- (b) The capsule could not dissolve effectively in the stomach.
- (c) Ensuring the needle penetrated the stomach wall at the correct angle was difficult.
- (d) The stomach lining rejected the medication upon delivery.
- (e) Patients experienced severe side effects from the dye used in the experiment.





Q3. Which of the following statements about MIT's capsule technology can be correctly inferred?

- (I) It could offer a painless alternative for patients with chronic illnesses.
 - (II) The mechanism mimics natural and mechanical systems to function effectively.
 - (III) It has replaced injections in several medical treatments.
- (a) Only (I)
 - (b) Both (I) and (II)
 - (c) Only (III)
 - (d) Both (I) and (III)
 - (e) All (I), (II) and (III)

Test

Prime

ALL EXAMS,
ONE SUBSCRIPTION.


**Test
Prime**

By Adda247

ALL EXAMS, ONE SUBSCRIPTION



Test. Analyze. Improve. Repeat.



Don't just *prepare*. *Perform*.

Test Prime — built only for mock tests.



1,50,000+
Mock Tests



25,000+
Previous Year Papers



800+
Exam Covered



500% Refund
on Selection



5 lakh+
Free Quizzes



Daily
Free PDFs



Job Alerts
Stay Updated

- Multilingual
- Detailed Solution
- Strong and Weak Areas



**All India
Rankings**

Compete with lakhs.
Rank. Improve. Repeat.



← Adda247 test prime

Rating ▾

Editors' choice

New



Adda247 Test Prime
Adda Education • Education
📌 Installed



DOWNLOAD THE APP



Q4. Match the terms in Column A with their correct descriptions from Column B, based on the passage.

Column A	Column B
A. Trypanophobia	1. An approach using squid-like mechanics to release medicine sideways
B. Space-lander inspired capsule	2. The fear of needles that can discourage patients from taking essential medication
C. Squid-inspired capsule	3. A capsule designed to orient itself and spray medicine downward
D. Green dye test	4. A method to simulate drug delivery effectiveness on pig tissue

- (a) A-2, B-3, C-1, D-4
 (b) A-3, B-1, C-4, D-2
 (c) A-1, B-4, C-2, D-3
 (d) A-4, B-2, C-3, D-1
 (e) A-2, B-4, C-3, D-1

Q5. Which of the following best explains why a precise angle of injection is crucial in the capsule design?

- (a) The stomach lining is highly sensitive and may reject improperly angled injections.
 (b) Only a specific angle allows the dye to be visible in tissue samples.
 (c) Medicine may not effectively enter the bloodstream if the needle is misaligned.
 (d) Capsule orientation is influenced by gravitational pull, requiring angle compensation.
 (e) The needle is not strong enough to penetrate the stomach lining without accurate positioning.

Q6. Which of the following best characterizes the research approach adopted by MIT scientists?

- (a) Repetitive experimentation without interdisciplinary inspiration
 (b) Mechanistic trial-and-error with no practical outcomes
 (c) Nature- and technology-inspired problem-solving based on observed delivery issues
 (d) Reliance on pharmaceutical companies to build prototypes
 (e) A preference for traditional drug delivery methods validated by experiments

Q7. Which of the following comparisons between the two capsule designs is accurate based on the passage?

- (a) Both designs rely on mechanical arms to inject the stomach lining directly.
 (b) The squid-based design sprays medicine downward while the lander-based design sprays sideways.
 (c) The lander-based design uses gravity to orient itself before injecting medicine downward.
 (d) Only the lander design underwent laboratory testing.
 (e) The squid-based design was modeled after atmospheric pressure systems.

Q8. Which of the following words can best replace "groundbreaking" in the sentence without changing its intended meaning?

*"The innovative idea behind these capsules is simple yet **groundbreaking**."*

- (a) outdated
 (b) experimental
 (c) pioneering
 (d) repetitive
 (e) limited

Q9. Which of the following statements is/are TRUE according to the passage?

- I. The lander-based capsule uses orientation to spray downward.
 II. The squid-inspired capsule delivers medicine sideways.
 III. All versions of the capsule are currently being used by patients.
 (a) Only I
 (b) Both I and II
 (c) Only III
 (d) Both II and III
 (e) All I, II, and III

Directions (10-16): Rearrange the following sentences and answer the given questions.

- A.** This **accelerated** warming, known as Arctic amplification, has drawn significant concern among climate experts.
B. Studies further reveal that if current trends continue, the Arctic could experience ice-free summers within this century.
C. Scientists attribute this rapid ice loss to global climate change, which has intensified over the past few decades.
D. The Arctic region is witnessing an alarming rate of glacier melting due to rising global temperatures.
E. The melting of these glaciers not only raises sea levels but also disrupts marine ecosystems and weather patterns worldwide.
F. Some recent research highlights that the Arctic is warming at least twice as fast as the global average.
G. Therefore, global efforts to reduce greenhouse gas emissions are critical to slow down these changes and protect **fragile** ecosystems.

Q10. Which of the following is the FIRST sentence after rearrangement?

- (a) C
 (b) D
 (c) F
 (d) A
 (e) E

Q11. Which of the following is the **SECOND** sentence after rearrangement?

- (a) C
- (b) G
- (c) F
- (d) A
- (e) E

Q12. Which of the following is the **THIRD** sentence after rearrangement?

- (a) C
- (b) D
- (c) F
- (d) A
- (e) E

Q13. Which of the following is the **SIXTH** sentence after rearrangement?

- (a) B
- (b) D
- (c) F
- (d) A
- (e) E

Q14. Which of the following is the **FIFTH** sentence after rearrangement?

- (a) D
- (b) A
- (c) F
- (d) B
- (e) E

Q15. Which of the following is the **FOURTH** sentence after rearrangement?

- (a) C
- (b) D
- (c) F
- (d) A
- (e) E

Q16. Two columns are given below. **Column I** contains two words, while **Column II** lists several words/phrases. Select the option that correctly pairs each word in **Column I** with its appropriate replacement(s) from **Column II**.

Column I	Column II
P. accelerated	1. easily broken
Q. fragile	2. quickened
	3. strengthened
	4. delicate

- (a) P-2 and Q-3
- (b) P-1, P-3 and Q-4
- (c) P-2 and Q-1
- (d) P-2 and Q-4
- (e) P-1 and Q-4, Q-2

Directions (17-21): In the question below, a paragraph is split into several parts. Examine each part for grammatical accuracy and select the option that correctly identifies which parts are grammatically correct or incorrect.

Q17. (A) Climate change have become a pressing issue across the world. Scientists **(B)** warns that if emissions keep rising, heatwaves will intensify. Rising sea levels threaten coastal cities, displacing communities **(C)** and damaging infrastructure. Simple actions, like reducing energy waste and using public transport, can make a meaningful difference. **(D)** Governments and businesses must invest in clean technologies **(E)** while supporting workers through a just transition.

- (a) A and B are correct
- (b) A and C are incorrect
- (c) C, D and E are correct
- (d) B and E are incorrect
- (e) A, D E are incorrect

Q18. (A) Artificial intelligence is transforming many industries over the past decade. **(B)** If organizations invest in transparent data practices, users will trust AI systems more. When models are trained on diverse datasets, they tend to generalize better. **(C)** Had the team validated the model earlier, it could had prevented the bias incident. **(D)** As regulations tighten, companies **(E)** will need to document how their algorithms make decisions.

- (a) A and B are incorrect
- (b) A and C are incorrect
- (c) C and D are correct
- (d) B and E are incorrect
- (e) A, D and E are incorrect

Q19. (A) Although scrolling late at night reduces attention spans, it also disrupts sleep cycles. By share personal details carelessly, **(B)** users risk exposing themselves to scams. Constantly comparing oneself with influencers **(C)** often leads to envy and poor body image. People spend hours watching short videos, **(D)** so they neglect to study and exercising. Because many posts are exaggerated, **(E)** fact-checking before sharing is essential.

- (a) A and E are incorrect
- (b) A, D and E are incorrect
- (c) B, C and D are correct
- (d) A and D are correct
- (e) B, C and E are correct

Q20. (A) This year's increased rainfall have caused frequent waterlogging across the city. **(B)** If the drainage network is maintained before the heaviest spells, **(C)** neighborhoods will be spared repeated flooding. Farmers report that reservoirs have filled early, helping irrigation **(D)** but also raising the risk of pests. While forecasts predict continued showers, but officials advise residents to avoid low-lying underpasses. **(E)** Because timely alerts have been issued this year, many commuters have started leaving home earlier to avoid gridlock.

- (a) A and C are incorrect
- (b) A and D are incorrect
- (c) B and C are incorrect
- (d) C, D and E are correct
- (e) B and E are incorrect

Q21.

(A) Rarely we see managers modeling healthy boundaries during peak season. **(B)** Encouraging collaboration, the new workspace reduces silos and speeds up feedback loops. **(C)** Having finished the sprint review, the team shared the action items on Slack. **(D)** No sooner the all-hands ended than teams rushed to finalize their reports. **(E)** Balance focus time with open communication, employees avoid unnecessary meetings.

- (a) A and D are correct
- (b) A, B and C are correct
- (c) B, C and E are incorrect
- (d) A, D and E are incorrect
- (e) C and E are correct

Directions (22-24): In the following question, a sentence is given with a part in bold. The given phrase in bold may contain an error. The options following can replace the incorrect phrase. The correct phrase that is to be replaced will be your answer. If the sentence is correct as it is, then select 'No improvement required' as the answer.

Q22. Despite numerous attempts, the problem remained so **unsolvable as it was before**.

- (a) as unsolvable as it was before
- (b) as unsolvable than it was before
- (c) as unsolvable as it were before
- (d) as unsolvable that it was before
- (e) No improvement required

Q23. Despite the heavy rain, the outdoor festival continued with its plan to **hosted a wide range of activity** for attendees.

- (a) No replacement required
- (b) hosting a wide range of activities
- (c) host a wide range of activities
- (d) host a wide ranges of activities
- (e) hosts a wide range of activities

Q24. It was evident that the team needed to **refined it's strategy for the better** in order to overcome the challenges ahead.

- (a) refine its strategy of better
- (b) refined their strategies to better
- (c) No replacement required
- (d) refine its strategy to be better
- (e) refine their strategies for better

Directions (25-28): In the following question, few sentences are given with two blanks in each. Select the pair of words that best completes both blanks in all the sentences, ensuring the sentences remain grammatically correct and contextually appropriate.

Q25. (I) After a sharp decline in sales, the leadership team moved quickly to _____ its _____, clarifying goals and timelines.

(II) The mayor's address aimed to _____ public _____ in the safety of the new transit corridor.

(III) The revised prospectus seeks to _____ investor _____ ahead of the listing.

- (a) bolster, confidence
- (b) feeble, credibility
- (c) dilute, momentum
- (d) robust, risk
- (e) compromise, standing

Q26. (I) Analysts warn that deepfake campaigns _____ public trust, yet some regulators _____ existing laws will be enough to deter abuse.

(II) If AI hiring models _____ to encode bias, we must not _____ that transparency dashboards alone will solve the problem.

(III) While rogue chatbots seldom _____ critical systems directly, engineers should never _____ safety until red-team tests are complete.

- (a) extinct, roll
- (b) secure, fraction
- (c) threaten, presume
- (d) creates, perform
- (e) salvage, function

Q27. (I) Before we proceed, let's _____ the _____ that all users have equal internet access.

(II) Before finalizing the policy, we must _____ the _____ that remote work boosts productivity for all teams.

(III) To avoid confusion, we should _____ every _____ behind the budget forecast.

- (a) prompts, instructions
- (b) declare, prophecy
- (c) articulate, premonition
- (d) illustrate, calculate
- (e) clarify, assumption

Q28. (I) He _____ that the sudden _____ in temperature signals an approaching storm.

(II) The committee _____ the _____ of the project's budget is justified by the expanded scope.

(III) She _____ that his recent _____ to department head will bring positive changes.

- (a) assumes; drop
- (b) captures; promotion
- (c) infers; acceleration
- (d) presumes; elevation
- (e) declares; rose

Directions (29-30): In the question below, two columns are given, each containing three phrases/sentences. Choose the option that will connect the phrases to form meaningful and correct sentences.

Q29. Column-I

(A) Patients in India do not always carry their health records,

(B) Medical professionals are better off attending to patients by saving time

(C) The summer season brings with it a profusion of flowers that are not only visually

Column-II

(D) stunning but also have a special significance in Indian culture.

(E) leaving doctors to piece the puzzle together during a visit.

(F) to store transcripts locally on the devices and upload periodically.

- (a) A-D & B-F
- (b) C-E
- (c) A-E & C-D
- (d) B-D
- (e) None of the above

Q30. Column-I

(A) All countries are racing to put in place systems to increase

(B) The WHO is warning of a global myopia epidemic,

(C) Projections show nearly 50% of the world's population will be

Column-II

(D) sunlight exposure and reduce near-work for children.

(E) where millions of our children are at risk of vision impairment.

(F) but it is evident that the prevalence numbers are low.

- (a) A-D and B-E
- (b) A-F and B- D
- (c) B-D and C-F
- (d) A-E
- (e) None of these

Directions (31-37): Read the following passage and answer the given questions

Paragraph 1: The pandemic reshaped the global employment landscape and triggered notable demographic shifts. Lockdowns and restrictions forced many industries to downsize, leading to massive layoffs and a sudden shift toward remote work. This **scramble** to adapt not only transformed the nature of jobs but also altered the way people view long-term career stability. Simultaneously, many countries observed a worrying decline in birth rates as economic uncertainties and health concerns discouraged couples from starting or expanding families. The combination of shrinking workforces and fewer young people being born has created a lasting imbalance in labour markets. This **trend** poses serious economic challenges because a smaller generation of workers will have to support an aging population, putting pressure on healthcare systems, pension funds, and overall productivity. Economists warn that unless nations develop sustainable policies to attract or retain workers, they may face years of slowed growth and strained public finances.

Paragraph 2: Japan, America, and Britain offer striking examples of how the workforce is changing after the pandemic. Data shows a noticeable rise in resignations among senior employees, many of whom accelerated their retirement plans after experiencing the flexibility of working from home or re-evaluating their work-life balance. At the same time, younger workers have also been resigning in large numbers, either seeking better opportunities or opting for freelance and remote roles that provide more autonomy. Analysts point to several reasons for this shared reluctance to return to traditional employment: government handouts during the crisis improved short-term financial security, strong financial market performance allowed many to rely on investments, and the need for family care made rigid office routines less attractive. With rich countries now facing a shortage of both experienced professionals and eager young entrants, many have begun to open their doors wider to foreign workers to fill essential roles. This dual exodus of older and younger talent has highlighted the urgency for policies that can rejuvenate labour participation and ensure economies remain resilient in the post-pandemic era.

Q31. Which of the following **factors contributed to the increased resignations** after the pandemic, as per the passage?

- (I) Declining financial market performance that pushed workers to search for higher-paying jobs
 - (II) Shift in priorities around work-life balance and flexibility
 - (III) Temporary financial stability due to government assistance
- (a) Only (II)
 - (b) Both (I) and (II)
 - (c) Only (III)
 - (d) Both (II) and (III)
 - (e) All (I), (II), and (III)

Q32. What is the **primary concern** economists express regarding demographic and labour trends post-pandemic?

- (a) Lack of public interest in healthcare careers
- (b) Growing investment in remote infrastructure
- (c) Imbalance between a shrinking workforce and an aging population
- (d) Surplus of unskilled workers in developed economies
- (e) Wage inflation due to competition for freelancers

Q33. Which of the following is the **correct statement** as per the passage?

- (a) Younger workers stayed in traditional jobs for greater economic stability.
- (b) Government handouts during the pandemic had little effect on employment decisions.
- (c) Many senior employees delayed retirement due to job insecurity.
- (d) Some younger employees opted for freelance roles to gain flexibility.
- (e) Nations responded by reducing immigration quotas to protect local jobs.

Q34. Which of the following statements is **incorrect** according to the passage?

- (a) The pandemic caused a reevaluation of long-term career goals.
- (b) Financial markets played a role in workers' willingness to resign.
- (c) Birth rates rose in most developed countries as lockdowns relaxed.
- (d) An aging population places pressure on national pension systems.
- (e) Remote work influenced retirement decisions among older employees.

Q35. In which of the following sentences is the word **"scramble"** used **most similarly** to its use in the passage?

- (I) The kids scrambled up the hill, laughing and tripping over rocks.
 - (II) The military scrambled fighter jets after detecting a threat.
 - (III) There was a scramble in the markets as traders rushed to sell off risky assets.
- (a) Only I
 - (b) Both II and III
 - (c) Only II
 - (d) Only III
 - (e) All I, II and III

Q36. Which of the following can be inferred about **post-pandemic career preferences**?

- (a) Most workers now prefer long-term, salaried positions over gig work.
- (b) Job stability is no longer valued by any age group.
- (c) Remote and freelance opportunities have become more appealing across generations.
- (d) Older workers are now more likely to pursue higher education.

(e) Younger workers are avoiding financial markets due to volatility.

Q37. Which of the following sentences uses the word **"trend"** in the same sense as the passage?

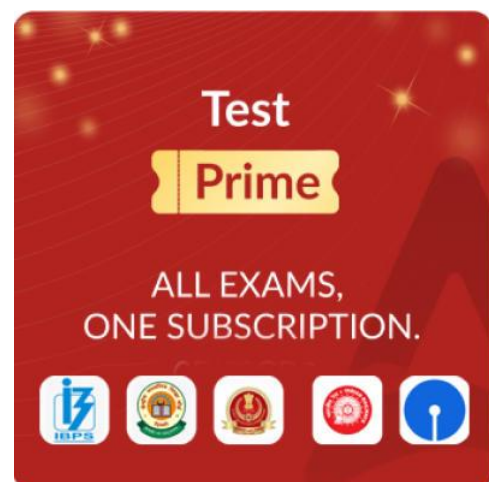
- (I) She started a new fashion trend that went viral on social media.
 - (II) The rising trend in remote work is changing how companies manage employees.
 - (III) That hairstyle is a trend that fades every few months.
- (a) Only II
 - (b) Both II and III
 - (c) Only I
 - (d) Only III
 - (e) All I, II and III

Directions (38-30): In the question below, two columns of phrases are provided—Column I and Column II. Choose the pair that, when joined with the given connector, forms a grammatically correct and contextually meaningful sentence.

Q38.

Column I	Column II
A. The sudden change in weather forced the hikers	D. ___ it held firm as they crossed the rushing river below
B. The old wooden bridge creaked under their weight,	E. ___ amusing everyone with its endless bursts of energy
C. After the long and exhausting journey,	F. ___ take shelter in a nearby cabin until the storm passed

- (a) B-E (by)
- (b) A-D (and)
- (c) C-E (and) ; B-F (so)
- (d) A-F (to); B-D (but)
- (e) B-D (since); A-E (Although)



Test Prime

ALL EXAMS, ONE SUBSCRIPTION.

Logos for various exams: IAS/IPS, UPSC, SSC, Railway, and others.

Test

Prime

By Adda247

Previous Year Papers PDF

PRACTICE MORE, SCORE HIGHER!



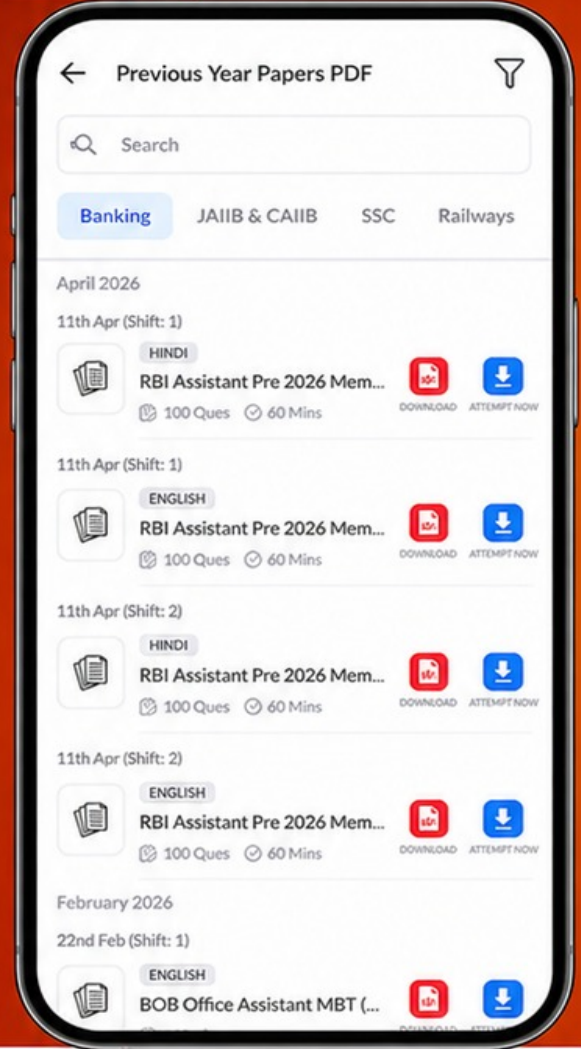
Free
25,000+
PDF's

High-Quality | Exam-Wise | Updated Regularly

ATTEMPT AS
MOCK



Turn PDFs into real exam experience.
Analyze. Improve. Succeed.



Topic-wise &
Exam-wise PDFs



Download &
Study Offline



Attempt as Mock
& Track Score



Smart Analysis
& Performance

AVAILABLE IN



Banking



SSC



Railway



Teaching



UGC



Agriculture



Nursing



Bihar



UP



Punjab



WB



Odisha



TN



AP & Telangana



Haryana



DOWNLOAD THE APP



Q39.

Column I	Column II
A. The aroma of freshly brewed coffee filled the room,	D. ___ listening to the rhythmic sounds of chirping crickets
B. The ancient temple, hidden deep inside	E. ___ he bought proper shoes and prepared his backpack the previous night
C. He wanted to join the trekking group;	F. ___ and necessary item was neatly placed inside

- (a) B-F (so)
- (b) C-E (therefore)
- (c) A-F (of)
- (d) B-D (within); A-F (for)
- (e) C-E (and)

Q40.

Column I	Column II
A. She kept working late into the night,	D. ___ flooding nearby fields and creating an unexpected spectacle
B. The concert was postponed because of unexpected weather changes;	E. ___ she wanted to complete the project before the approaching deadline
C. Despite his busy schedule, he always found time	F. ___ many visitors had to cancel their travel plans immediately

- (a) A-F (so)
- (b) B-E (and); C-F (however)
- (c) A-E (for); B-F (consequently)
- (d) C-F (for)
- (e) B-D (into); A-F (for)

