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Time: 3 hours

Answer any FIVE Questions All Questions carry equal marks

- 1. When he was only six years old, Kalam witnessed the tragedy of a severe cyclonic storm. Only a few years ago, India, and the Asian region, suffered the devastating effects of a tsunami. As a young citizen of India, what would you envisage your role to be during a natural/ national calamity? Write an essay in about 1000 words describing the role of India's youth during a natural calamity. Would you rather be a 'watcher' or a 'worker'? [16]
- 2. Discuss the Wiener-Maner-Gorniak point of view on computer ethics and contrast it with the more conservative view of Johnson's. [16]
- 3. Answer the following:
 - (a) Which event in February 1969 brought great satisfaction to Kalam and his team?
 - (b) Why did Prof. Sarabhai select Sriharikota Island? What was the purpose it was meant to serve?
 - (c) Why is the year 1968 significant to INCOSPAR and ISRO? What were the developments that happened during that year?
 - (d) What was Prof. Sarabhai's dream project? Who did he choose to be a project leader? [4+4+4+4]
- 4. Answer the following:
 - (a) Who is Wernher von Braun? What is his contribution towards missile development and rocketry?
 - (b) The significance of the V-2 missile.
 - (c) Why was Kalam struck by the personality of Wernher von Braun, 'the father of modern rocketry'?
 - (d) What was Mr. Von Braun's opinion of America? [4+4+4+4]

- 5. Answer the following in a paragraph
 - (a) Write a paragraph about Kalpana Chawla.
 - (b) How did Kalpana develop her determination and grit?
 - (c) In what type of place was Kalpana brought up?
 - (d) Write a short note on Tagore Bal Niketan. $[4 \times 4]$
- 6. (a) How will be the life better to a person? What is Kalam's view on this?
 - (b) One must have a strong inner strength and initiative. What are the life experiences given by Kalam regarding this statement.
 - (c) What is the realization of Kalam about the phenomenon of professional life?
 - (d) How does Kalam describe his autobiography 'Wings of Fire'? $[4 \times 4 = 16]$
- 7. Write in 1000 words on the following topics Life and achievements of any historical figures you like the most. [16]
- 8. (a) Correct the error / errors in the following sentences :
 - In this exercise, we focus on the uses of the definite article (the) for each sentence. Add the where you think definite articles are required and delete any articles which you think have been wrongly included. There is only one error in each sentence.
 - i. Most of my relatives live on the Hainan Island
 - ii. In advance education, students should learn how to present the knowledge in an institution.
 - iii. Life as a University student is not easy. Everyday we need to attend the lectures
 - iv. Chinese economy has been growing at a very fast pace in recent years.
 - v. The worlds oil supplies derive mostly from Middle east.
 - vi. He prefers to read Wall Street Journal rather than the Far eastern economic review.
 - vii. Students must face the reality jobs are no longer easy to find for graduates.
 - viii. It is hard to believe ugliness of some modern architecture.
 - (b) Correct the error / errors in the following sentences :
 - i. marsha lives in texas _____
 - ii. who is joseph's friend _____
 - iii. sue and I love to dance ! _____
 - iv. we went to mary's school play. _____
 - (c) Correct the error / errors in the following sentences :
 - i. it is time to eat dinner _____
 - ii. mom and i baked cookies _____
 - iii. i was born in utah _____

Set No. 1

iv. is dad working late _____

[8+4+4]



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- "My father lived frugally, according to his austere principles He avoided comforts and luxuries things he considered non-essential". Write an essay of around 1000 words based on this principle of *simple living* and provide examples of how great Indian men and women have accomplished great things by adopting a simple lifestyle. In the light of the present world scenario of *materialistic living and spendthrift ways* suggest ways and means by which Indian youth can contribute to personal and national welfare by following a simple way of life. [16]
- 2. Bernard Shaw once said, "All reasonable men adapt themselves to the world. Only a few unreasonable ones persist in trying to adapt the world to themselves. All progress in the world depends on these unreasonable men and their new and often revolutionary actions". Many great scientists, businessmen, politicians, writers and philosophers have achieved great success and contributed to the world, by daring to think differently and act out their convictions. In this context, write an essay of about 1000 words and illustrate using examples. [16]
- 3. Answer the following:
 - (a) What does Kalam have to say about the 'hands on', 'hands of f' approach of project leaders?
 - (b) How did becoming project leader of SLV 3 affect Dr. Kalam's time? What were the time management skills he employed to prioritize and organize his work?
 - (c) What were the components required to build SLV 3 and how long would it take to build it? [4+8+4]
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 - (a) Who is Wernher von Braun? What is his contribution towards missile development and rocketry?

- (b) The significance of the V-2 missile.
- (c) Why was Kalam struck by the personality of Wernher von Braun, 'the father of modern rocketry'?
- (d) What was Mr. Von Braun's opinion of America? [4+4+4+4]
- 5. How can we call Kalpana as a multifaceted woman? [16]
- 6. (a) How will be the life better to a person? What is Kalam's view on this?
 - (b) One must have a strong inner strength and initiative. What are the life experiences given by Kalam regarding this statement.
 - (c) What is the realization of Kalam about the phenomenon of professional life?
 - (d) How does Kalam describe his autobiography 'Wings of Fire'? $[4 \times 4 = 16]$

7. (a) Read the Poem and answer the questions given below:

Freezing weather still holds sway, Enduring growing hours of light But the cold must fade away Restoring spring, like day from night Until at last the world is warm At least next month, at least by then Remember through each bitter storm You'll finally see the flowers again.

- i. What do you think the title of this poem is (its hidden in the poem)?
- ii. What time of year do you think the poet prefers? why?
- iii. "Enduring growing hours of light." What does this line refer to?
- iv. "Like day from night." If "day" represents spring, what does "night" represent?
- v. See if you can write a poem with the title or topic spelled out in a similar manner.
- (b) Read the Poem and answer the questions given below:

Did I Ever Stop?

Did I ever stop to make you smile When your day was hard or your road was long? When your light stopped shining for a while, Did I sing for you a happy song?

Did I ever try to make you laugh When your eyes held tears and you couldn't speak? When your world seemed almost torn in half, Did I hold your hand or kiss your cheek?

Did I ever pause to hear your voice When you needed just a moments ear?

Set No. 2

When you'd lost your way or missed a choice, Did I let you know that I was near?

Did I ever stop to say I care When I didn't seek to heat it too? When you weren't so sure that I'd be there, Did I ever show my love for you ?

For Discussion : The same poem can have different meanings to different readers

- i. When you read or listen to this poem, who do you think the author is addressing?
- ii. In your own words, what is this poem about?
- iii. Does the poem make you think of any experience from your own life?

[5+5+6]

- 8. (a) Give one word substitutes for the following, which begin with the first letters givens in brackets.
 - i. a place where cows are milked (D) _____
 - ii. a person who flees from justice (F) _____
 - iii. a person who travels for pleasure (T) _____
 - iv. a person who dispenses medicine (P) _____
 - v. a place where weapons are stored (A) _____
 - vi. a person who performs tricks with the hands (C) _____
 - vii. a place where ammunition is stored (A) _____
 - viii. a person who rides horses (E) _____
 - (b) Choose the correct answer :
 - i. 1. There are so many bugs eating my plants. I need to buy some ____.
 - A. infanticide
 - B. herbicide
 - C. pesticide.
 - ii. During World War II, Hitler tried to kill all of the Jews by ____.
 - A. genocide
 - B. pesticide
 - C. homicide.
 - iii. My friend almost killed himself with a knife. I can't believe he tried to commit ____.
 - A. homicide
 - B. suicide
 - C. pesticide.
 - iv. I planted these flowers but these other plants are growing too. I'm going to use this ____ to kill the ones I don't want.

Set No. 2

- A. herbicide
- B. insecticide
- C. genocide.
- v. Oh, I hate all of these insects in my house. I need to use some $_{--}$ on them.
 - A. suicide
 - B. insecticide
 - C. Genocide.
- vi. Some people who don't want their babies commit ____.
 - A. genocide
 - B. suicide
 - C. Infanticide.
- vii. This year there have been fewer ____ in my city. Last year twelve people were killed and this year there have been ten.
 - A. homicides
 - B. pesticides
 - C. herbicides.
- viii. The son was arrested for killing his father. He was charged against _____.
 - A. patricide
 - B. pesticides
 - C. herbicides.

[8+8]

Set No. 3

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Time: 3 hours

Answer any FIVE Questions All Questions carry equal marks

- 1. Discuss briefly:
 - (a) The important role played by newspapers in small town Rameswaram during the II world war.
 - (b) What do you learn about the II World War from Kalam's narration of the episode?
 - (c) Did the II World War affect Rameshwaram? How?
 - (d) Discuss how Kalam's mother and grandmother helped him imbibe two different cultures and religions. [4×4]
- 2. Answer the following:
 - (a) Describe Prof. Oda's dedication to his work. Illustrate with suitable examples.
 - (b) Work at TERLS.
 - (c) What do we learn from the bows found during excavation in India? [8+4+4]
- 3. Answer the following:
 - (a) What does Kalam have to say about the 'hands on', 'hands of f' approach of project leaders?
 - (b) How did becoming project leader of SLV 3 affect Dr. Kalam's time? What were the time management skills he employed to prioritize and organize his work?
 - (c) What were the components required to build SLV 3 and how long would it take to build it? [4+8+4]
- 4. Answer Briefly:
 - (a) "I am going to put Kalam in orbit!" When and why did Prof. Dhawan make such a statement about Kalam and under what circumstances was it made?

Set No. 3

- (b) "The pursuit of science is a combination of great elation and great despair". Explain why Mr. Kalam feels this way.
- (c) How did the thought of Johannes Kepler and Von Braun help Mr. Kalam in accepting failure and setbacks?
- (d) Dr. Brahm Prakash's impact on Dr. Kalam's professional life. [4+4+4+4]
- 5. (a) Write a short note on Kalpana's married life.
 - (b) What is Miriams reminiscence about kalpana?
 - (c) How did Kalpana become an astronaut ?
 - (d) Write about Kalpana's achievements in her dancing school. $[4 \times 4]$
- 6. How was Kalam able to dedicate himself to the rocketry of India? [16]

7. Only One Race

----- Lately, there's a lot of talk about race relations. To be sure, racism hasn't vanished from the world. However, much of the problem is actually in how we view the problem. There are too many people, most of them well meaning, who are actually practicing racism by the way they fight it.

People talk about interracial problems, in other words problems between different races. That very perception is racism. We don't have an interracial problem, we have an intraracial problem, conflict within one race. The fact is that all people belong to the same race: the human race. The colour of our skin or who and what our ancestors were like are not what define us as individuals.

_____As long as governments, institutions, or individuals classify people as part of separate racial groups, racism will continue to exist.

For Discussion:

- (a) Is this selection mostly a factual report or an expression of opinion?
- (b) On what points, if any do you agree with the author? Give reasons.
- (c) On what points, if any, do you disagree with the author? Give reasons.

Charles could tell that the old abandoned building had once been his childhood home. The dark, dusty rooms reminded him of brighter, happier times. This cold place had once been warm and alive.

The face that looked back at him from the broken bathroom mirror was that of an old man, and old man who had outlived all family and friends. How wonderful it would be, he thought, if you could go back in time. If only he could travel to when he was a boy and fully appreciate everything in his life.

If only once more, he could run into that house after school, and know that his parents would be there. His brothers and sisters and he could still be children whose biggest concern of the moment was, What's for supper?

It was difficult to remember if he had realized then how much he loved them all. It was harder to remember if he had ever really let them know.

Set No. 3

Would he really do anything differently if he could go back? Charles believed that he would. But you can't

The alarm clock buzzed it's annoying announcement. But it wasn't annoying this morning. The alarm was the time machine that granted young Charles his wish. It was a gift he could use or forget.

Some questions for discussion:

- (a) What would be a good title for this story?
- (b) How did Charles feel at the beginning of the story?
- (c) Is this story realistic or fantasy?
- (d) It was a gift he could use or forget What does the author mean?
- (e) Is this story meaningful to you in a personal way?

[6+10]

- 8. (a) Fill in the following sentences with the prefixes given in the bracket (over non- mis anti- ex- pre- under pro- multi)
 - i. The ____lingual staff at this school will make you feel very welcome.
 - ii. He has been charged with ____use of company funds.
 - iii. _____ government forces have won the latest battle and the Prime Minister seems safe for the time being.
 - iv. This was an early prototype of an ____ aircraft missile but was replaced within a year due to repeated malfunction.
 - v. The meat was superb but the pasta was completely ____cooked and tasted like wet cardboard.
 - vi. The bar was closed down for having sold alcoholic drinks to ____ age customers.
 - vii. I am not a socialist now. I would describe myself as an ____communist but I have changed my opinions on many matters.
 - viii. Many Hollywood celebrities now sign ____nuptial agreements to prevent financial disputes if things go wrong.
 - (b) These words all have the suffix -ate. A suffix comes at the end of a word. e.g. to celebrate by some ceremony *commemorate*.
 - i. to make afraid, especially with threats of violence _____
 - ii. to prove a claim to be right or just _____
 - iii. to get oneself into favour with someone _____
 - iv. to involve another in a crime _____
 - v. to bring others under one's power; to conquer _____
 - vi. to take away strength or rights, to disable _____
 - vii. to free from blame _____
 - viii. to speak as if an authority on a subject _____. [8+8]



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- Dr. A.P.J. Abdul Kalam received the benefits of a very good education from India. He went on to serve the country and the defense Ministry through his knowledge and expertise. In other words, he gave back to his country what he gained from it. In the light of this context, discuss in an essay of about 1000 words, the ill effects of brain drain on the Indian nation due to the major outflow of human resource from India to countries like the U.S.A. and U.K. [16]
- 2. Write short notes on
 - (a) Work at INCOSPAR
 - (b) The significance of the Educational Rocket Launching station at Thumba.
 - (c) The site selected for the Launching station and the process of acquisition.
 - (d) The family's reaction to Kalam's proposed visit to NASA for training. [4+4+4+4]
- 3. Answer in detail:
 - (a) Who were the people involved in the production of hardware for SLV-3? What was the contribution of each member?
 - (b) What was the dual tragedy that struck Kalam's personal life in 1976? Elaborate on its impact on the author. [8+8]
- 4. Answer the following:
 - (a) What does Dr. Kalam say to defend 'workaholics' like himself? Does he agree with the use of the term?
 - (b) What according to Dr. Kalam, is required to succeed in one's mission?
 - (c) "Climbing to the top demands strength whether to the top of Mount Everest or to the top of your career." Substantiate Dr. Kalam's theory.
 - (d) Why had Kalam put a 'hold' on his personal life? [4+4+4+4]

Set No. 4

- 5. (a) Define IGMDP.
 - (b) Define the following:
 - i. Prithvi
 - ii. Trishul
 - iii. Akash
 - iv. Nag and
 - v. Agni.

[6+10]

- 6. (a) What did Kalam do when there was a lack of empowerment in 1983?
 - (b) What do you know about The Technology Management Philosphy?
 - (c) What did Kalam try to make the IGMDP do? How far was it possible?
 - (d) What is Kalam's advice to the youth of today? $[4 \times 4 = 16]$

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- 8. (a) Negate the following sentences.
 - i. I _____ this websites since 1999 (to run)
 - ii. My parents _____ for years (to smoke)
 - iii. He _____ for his girlfriends since 60 clock (to wait)
 - iv. We _____ in Greece since last August (to live)
 - v. Max and Paul _____ their bikes all day (to ride)
 - vi. They _____ in the sun for hours (to lie)
 - vii. Emily _____ on the computer for too long (to work)
 - viii. It _____ since I came home (to rain)
 - (b) Use the verbs in brackets in Present Perfect Progressive in the sentences.
 - i. Karen _____ me an e-mail (to send)
 - ii. Dave and Pat _____ the museum (to visit)
 - iii. I _____ at the pet shop (to be)
 - iv. They _____ already _____ their rucksacks (to pack)
 - v. Marcus _____ an accident (to have)
 - vi. I _____ just _____ my bike (to clean)
 - vii. Emily _____ her room (to paint)
 - viii. We _____ the shopping for our grandmother (to do) [8+8]