

I B. Tech II Semester Regular Examinations, April/May - 2017**ENGLISH-II**

(Com. to All Branches)

Time: 3 hours

Max. Marks: 70

Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)

2. Answering the question in **Part-A** is Compulsory3. Answer any **FOUR** Questions from **Part-B**

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**PART -A**

1. a) What is the layman's view of atomic bomb? How right is he in thinking so? (2M)
- b) Define culture shock with various symptoms of it. (2M)
- c) What is public health surveillance and why is it important? (2M)
- d) What was the program Gates developed along with his friend and how did he market it? (2M)
- e) What were Kalam's contributions to DRDO? (2M)
- f) Name any two European scientists Bhabha was associated with and their contributions to the scientific world. (2M)
- g) What was Branley's experiment and what is its importance? (2M)

**PART -B**

2. a) How is the knowledge given by science different from what is acquired through education? Give examples from your learning experiences to support your answer. (5M)
- b) Mention any four great qualities of Dr. Kalam that made the world recognize him as a great scientist and leader. (4M)
- c) Write a letter to the Regional Manager of South Central Railways, Vijayawada complaining about the luggage/parcel you have not received which your friend has sent from IIT Mumbai. (5M)
3. a) Who do you think is to be held responsible for the destruction created by technology? Support your opinion with suitable examples. (5M)
- b) Write an email to your principal with a copy to your head of the department, asking him/her to permit your class to go on an industrial & educational tour for a week. (4M)
- c) List out the awards and achievements of Sir C.V. Raman. (5M)



4. a) How should one avoid culture shock before experiencing it when one goes to a new place? What precautions would help in living peacefully in a new place of new culture? (5M)
- b) **Fill in the blanks with suitable forms of the verbs given in the parenthesis.** (4M)  
She \_\_\_\_\_ (look) for a house for the past one month. Finally, she \_\_\_\_\_ (find) one that suits her requirements. She \_\_\_\_\_ (want) a house that has a small garden and space to \_\_\_\_\_ (park) her car. She \_\_\_\_\_ (say) she \_\_\_\_\_ (love) to live in a house that \_\_\_\_\_ (have) cross ventilation. She \_\_\_\_\_ (move) into it tomorrow.
- c) Name the discoveries and inventions that Bhabha was associated with. How did they help him contribute better to our country? (5M)
5. a) How did lottery in the village change the lives of the people? What could be done to make the villagers' lives better? (5M)
- b) Why and how do you think J.C.Bose remained an ideal scientist in principle and practice? State instances from his life that support your opinion. (4M)
- c) Write an essay on "Importance of Technical Education" in about 300 to 350 words. (5M)
6. a) What kind of health problems are common in India in relation to climate changes? What steps are to be taken by the public and government to prevent health hazards caused due to climate changes? (5M)
- b) Give a note on P.C. Ray's discoveries and their properties. (5M)
- c) **Give one word substitutes for the following and use the word in your own sentence:** (4M)  
i) Hard to please  
ii) A great lover of books  
iii) Having a ready disposition to fight  
iv) Someone who is the first to think/make something
7. a) What do you think are the qualities of Bill Gates that made him a successful professional? Give examples from the text to support your answer. (5M)
- b) How did Hardy help Ramanujan personally and professionally? (5M)
- c) **Rewrite the following sentences correcting the errors:** (4M)  
i) I started late at my house. Thought I can take a cab to reach my office in time.  
ii) He plays football when he was free.  
iii) He drunk coffee everyday when he was young.  
iv) Had your breakfast in the morning?

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**PART -A**

1. a) What is the foremost task of education according to the text “The Greatest Source- Education”? (2M)
- b) How is the attitude of the local people towards a person who is under culture shock? (2M)
- c) Who is Paul Allen and how did he contribute to Microsoft? (2M)
- d) Explain the process of lottery in the village and state whether it is democratic. (2M)
- e) What is Kalam’s role in SLV-3 project that made it successful? (2M)
- f) Explain Raman Effect. (2M)
- g) What were the unique achievements of Ramanujan? (2M)

**PART -B**

2. a) Does our education system help us find the difference between science and education? Give reasons to support your point of view. (4M)
- b) What qualities of Abdul Kalam made him the world’s admirable scientist? How do you think he has developed them? (5M)
- c) Write a dialogue between you and your friend who has come from a school where he is not very much exposed to English. He feels he is not fit for the course and needs to quit. However, his previous ranks and marks show that he is brilliant. Convince him instilling some courage using your soft skills. (Your dialogue cannot be less than 10 exchanges-A+B) (5M)
3. a) Who is to be held responsible for the destructive use of scientific inventions- science or people? Give reasons/examples to support your opinion. (5M)
- b) What were Raman’s contributions to Indian Institute of Sciences? (5M)
- c) Write an email to the regional manager of Samsung, complaining about the malfunctioning of the refrigerator you bought last month. The service center manager refused to take up the issue as the product is in the guarantee period. Give details of your gadget and request for immediate action. (4M)



4. a) Why and when do variations in cultures lead to a shock to new comers? How do you think one can avoid any kind of culture shock? (5M)
- b) Why did Bhabha initiate Indian Nuclear programme? Do you think it is realistic and necessary for a country like India? Give reasons. (5M)
- c) **Fill in the blanks with suitable forms of the verbs given in the parenthesis.** (4M)  
I \_\_\_\_\_ (wait) for this news for the past one week. Finally, it \_\_\_\_\_ (come) but none \_\_\_\_\_ (be) ready to accept it. Our teacher \_\_\_\_\_ (leave) us to \_\_\_\_\_ (join) her family in Chennai. She \_\_\_\_\_ (tell) me this a week ago but did not officially announce. She \_\_\_\_\_ (vacate) her house tomorrow. So we \_\_\_\_\_ (think) of giving her a farewell today evening.
5. a) Is lottery morally justified? Give reasons with examples from the story “The Lottery”. (5M)
- b) Why did J.C.Bose remain against patenting his inventions? (5M)
- c) Write an essay on “Importance of Digital Literacy in Rural India”. (4M)
6. a) What are the different measures the author talks about to manage health problems caused due to climate changes? (5M)
- b) What were the achievements and awards won by P.C. Ray? How did they contribute to the scientific world? (5M)
- c) **Give one word substitutes for the following and use the word in your own sentence:** (4M)  
i) A remedy for all diseases  
ii) One who can speak two languages  
iii) A word opposite in meaning  
iv) A person who never drinks alcohol
7. a) What do you think is the role of Gates parents in his success? Can similar kind of home environment lead to anyone’s success? Give reasons. (5M)
- b) What were the circumstances that helped Ramanujan go to England and why did he return to India? (5M)
- c) **Rewrite the following sentences correcting the errors:** (4M)  
i) I waved at my friend’s car. Thought he will stop to pick me up.  
ii) They gathered under the tree and discusses the agenda of the meeting.  
iii) She sung a very melodious song yesterday in the competition.  
iv) You saw the doctor yesterday?

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**PART -A**

1. a) What is the scientific dilemma a layman is linked with and why? (2M)
- b) What is the role of language in helping us recover from culture shock? (2M)
- c) How is temperature directly related to the death rate of a place? (2M)
- d) What did Gates feel about the free distribution of his software and what did he write in his open letter? (2M)
- e) How was Kalam involved with Pokhran-II project? (2M)
- f) How was TIFR founded and what were its research areas? (2M)
- g) Name the top most award in the field of science that Bose received. What was it given for? (2M)

**PART -B**

2. a) Describe how education can be the greatest source for civilization. Give suitable examples to support your answer. (5M)
- b) Why do you think Dr. Kalam was nominated as President of India unanimously? Give reasons highlighting his qualities/characteristics. (4M)
- c) You are the president of the students' union of your college. Write a letter to the officer-in-charge of the hostels of your college explaining the problems faced by the students. Suggest some solutions and request for immediate action. (5M)
3. a) Is it possible to have a scientific invention without any evil effects? Support your answer with suitable examples from our day to day use of scientific inventions. (5M)
- b) Was Raman's career as a scientist a smooth one? Give reasons to support your answer. (5M)
- c) Write an email to your district collector asking him to provide more beds and a proper qualified doctor at all the health centers in the rural places of your district which would improve the living conditions in the villages. (4M)



4. a) How is culture shock caused and what are the various strategies a person can adopt to overcome culture shock? (5M)
- b) How did Bhabha contribute to Atomic Energy Commission in India? (5M)
- c) **Fill in the blanks with suitable forms of the verbs given in the parenthesis.** (4M)  
She \_\_\_\_\_ (look) for a house for the past one month. Finally, she \_\_\_\_\_ (find) one that suits her requirements. She \_\_\_\_\_ (want) a house that has a small garden and space to \_\_\_\_\_ (park) her car. She \_\_\_\_\_ (say) she \_\_\_\_\_ (love) to live in a house that \_\_\_\_\_ (have) cross ventilation. She \_\_\_\_\_ (move) into it tomorrow.
5. a) Explain the practice of lottery in the village. Do you think it is the right one? Give reasons to support your opinion. (5M)
- b) Mention the famous devices designed by J.C.Bose. Describe their functioning and importance. (5M)
- c) Write an essay on "Importance of Protecting One's Culture". (4M)
6. a) What kind of health problems do Indians face due to climate changes? How can they be prevented? (5M)
- b) Give details of contributions of P.C Ray as a scientist, entrepreneur and socialist to India. (5M)
- c) **Give one word substitutes for the following and use the word in your own sentence:** (4M)  
i) Detailed plan of a journey  
ii) Person who works in the same department/office  
iii) One who travels in space  
iv) A small shop that sells fashionable clothes, cosmetics etc.
7. a) Explain the social services rendered by Bill Gates as Philanthropist. (5M)
- b) What were the strengths and weaknesses of Ramanujan as a mathematician according to Hardy? (5M)
- c) **Rewrite the following sentences correcting the errors:** (4M)  
i) I keep smiling at the blind man at the bus stop. Although I knew he cannot see my smile.  
ii) She looked at the cake and immediately orders for it.  
iii) She written the report yesterday.  
iv) Had your lunch in the afternoon?



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PART –A

1. a) Why does the author say that the ‘know-how’ produced by science and technology is an ‘unfinished sentence’? (2M)
- b) How can one control air pollution and manage it? (2M)
- c) How do people express their culture shock? (2M)
- d) What is public health surveillance and why is it important? (2M)
- e) What was Kalam’s role in building indigenous rockets in India? (2M)
- f) Describe the work of Raman that made him to achieve the Noble Prize. (2M)
- g) Name some awards P. C. Ray won. What were they given for? (2M)

PART –B

2. a) What is the prime source for civilizations to come into existence and disappear? (5M)
Do you agree with the author’s argument? Justify.
- b) Why do you think Dr. Kalam is called “The Missile Man of India”? How did his scientific contributions help our country? (5M)
- c) Write a letter to the Editor of the Hindu newspaper stating the present hot summer days and the bad status of bus shelters that cannot give shade resulting in deaths due to sunstroke at many places. (4M)
3. a) Describe any modern invention that the present generation is obsessed with. Write the positive and negative effects it has on the society. Who should be praised or held responsible for these effects? (5M)
- b) What were the challenges Raman faced in his life and career? How did he overcome them? (5M)
- c) Write an email to the regional manager of Whirlpool, complaining about the malfunctioning of the washing machine you bought last month. The service center manager refused to take up the issue as the product is in the guarantee period. Give details of your gadget and request for immediate action. (4M)



4. a) Elaborate with examples on how language variations contribute to culture shock. (5M)
b) How did Bhabha's education help him contribute better to our country's scientific and academic progress? (5M)
c) **Fill in the blanks with suitable forms of the verbs given in the parenthesis.** (4M)
I _____ (wait) for this news for the past one week. Finally, it _____ (come) but none _____ (be) ready to accept it. Our teacher _____ (leave) us to _____ (join) her family in Chennai. She _____ (tell) me this a week ago but did not officially announce. She _____ (vacate) her house tomorrow. So we _____ (think) of giving her a farewell today evening.
5. a) What is black box in the story "The Lottery"? Who made it? When and why is it significant? (5M)
b) How could J.C. Bose establish the harmony between the living and non-living worlds? (5M)
c) Write an essay on "Making India a Developed Country" (4M)
6. a) Suggest some traditional measures to manage health problems caused due to climate changes? (5M)
b) How and when could P.C. Ray help his village people? (5M)
c) **Give one word substitutes for the following and use the word in your own sentence:** (4M)
i) Incapable of being seen through
ii) One who talks to people to help solve their problems
iii) One who talks in sleep
iv) That which can be easily broken
7. a) When and how did Bill Gates start building his own empire of business? Give the details of each stage. (5M)
b) How do you justify Srinivasa Ramanujan's birthday being celebrated as Mathematics day in India? (5M)
c) **Rewrite the following sentences correcting the errors:** (4M)
i) I gave a good gift to my friend. Which I bought in Dubai.
ii) They ride through the tunnel and stopped at the other end.
iii) The peon rung the bell when the clock showed 12.
iv) You came to see me now?

