

I B. Tech II Semester Regular/Supplementary Examinations, April/May - 2018**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 Compulsory
 3. Answer any **FOUR** Questions from **Part-B**

PART -A

1. a) How is an American described with regard to his culture? (2M)
- b) State the purpose of the lottery in the village. (2M)
- c) How did the relationship between Microsoft and IBM begin? (2M)
- d) What is the significance of public health surveillance? (2M)
- e) What were some Ray's discoveries while analyzing certain rare minerals? (2M)
- f) What is monochromatic light? Give examples. (2M)
- g) What was the objective of SLV project? (2M)

PART -B

2. a) Present the argument to say that education is a great resource. (5M)
- b) How did the qualities of Abdul Kalam like team spirit and team building help him to execute successfully the projects that he took up? (4M)
- c) Write a letter to the university about a problem occurred in your provisional certificate where the signature of Controller of Examinations is missing. (5M)
3. a) If a scientist fears that his inventions may be misused and holds back his discovery, can there be scientific progress? (5M)
- b) Which events led to accept directorship at IISc Bangalore? (5M)
- c) Prepare a speech for an elocution competition. The topic is 'misuse of means of communication' (4M)
4. a) Describe how a person affected by culture shock can recover from it. (5M)
- b) Describe the work of Bhabha when he was at the helm of the Atomic Energy Commission. (5M)
- c) Fill in the blanks with suitable verb forms: (4M)
 - i. My teacher ----- [give] me a gift as I ----- [get] first prize in elocution.
 - ii. Meena ----- [work] in this school for five years.
 - iii. The ship ----- yesterday.[sail]
5. a) How were women viewed in the village? Give the details with reference to the happenings in the village. (5M)
- b) Explain the research work done by Bose on radio waves and radio communication. (5M)
- c) Give the Synonyms of the following: (4M)
 - i. mend ii. Reject iii. Consent iv. appease

6. a) Explain the nature of various health problems that are generated due to the changes in climate. (5M)
- b) How did Ray help the village folk? (5M)
- c) Correct the following sentences: (4M)
- i. She only had tea in the morning.
 - ii. I saw an one eyed bull.
 - iii. She looked in the well.
 - iv. It is a biggest lake in India.
7. a) Elaborate Bill Gates efforts to develop Microsoft and how he worked to achieve his target. (5M)
- b) Write about the education and early life of Ramanujan. (4M)
- c) Submit a report on the problems of the farmers who are not able to get a reasonable price to market their yields of the crops. (5M)

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PART -A

1. a) Why does culture shock affect a wife more? (2M)
- b) Describe the gathering at the place of lottery in the village. (2M)
- c) How are aero allergens produced? (2M)
- d) What is the scientific dilemma that the layman is associated with? (2M)
- e) What was the specific area in mathematics to which Ramanujan contributed most? (2M)
- f) When and why did Raman resign his first job? (2M)
- g) Why was Thumba chosen as a test centre for rocket launching? (2M)

PART -B

2. a) What does Lord Snow say about scientists and intellectuals? (5M)
- b) What are sounding rockets? Explain their importance? (5M)
- c) Give the synonyms of the following: (4M)
 - i. pious ii. Humble iii. Meddle iv. indigenous
3. a) Is it possible according to the author to clear the dilemma from a scientist's mind? (5M)
- b) Give the details of Raman's contribution in the field of optics. (5M)
- c) Choose the correct form: (4M)
 - i. Ramanujan invented many ----- in the field of Mathematics [formulas, formulae]
 - ii. All her ----- are nice with her.[sister-in laws, sisters -in-law]
 - iii. We are ----- for the result.[awaiting, waiting for]
 - iv. The ----- chapters are complex.[two last, last two]
4. a) Suggest the ways to come out of the culture shock. (5M)
- b) How did Bhabha's education abroad and collaboration with European scientists help in India's nuclear power ambition? (5M)
- c) Fill in the blanks with suitable verb forms: (4M)
 - i. He ----- his dinner just now.[complete]
 - ii. The weather ----- last summer.[cool]
 - iii. The train ----- [leave] the station before we ----- [reach] there.

5. a) Who said 'It isn't fair, it isn't right'? Elaborate the situation. (5M)
- b) How did Bose react against the bias at the Imperial education society? (5M)
- c) Give one word substitutes of the following: (4M)
- One who foretells future?
 - A government by a few.
 - A study of birds.
 - One who always suspects.
6. a) What does the author say about managing health issues arising out of climatic change? (5M)
- b) How did P.C.Ray fulfill his father's wish? (5M)
- c) Correct the following: (4M)
- He can play flute.
 - We discussed about the matter.
 - He can't walk any farther.
 - He is staying on Peters street.
7. a) Write about the child hood of Bill Gates. (5M)
- b) What is unique about Ramanujan's achievements in Mathematics? (4M)
- c) Write a report to the managing director, season's textiles, Ahmadabad on constructing a new unit of a textile factory in your area. You are working as a sales executive in the same company. (5M)

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PART -A

1. a) What according to the author is the purpose of education? (2M)
- b) Explain the nature of science. (2M)
- c) How does a person become a cultural entity? (2M)
- d) Write about the different opinions of the villagers about the lottery. (2M)
- e) What is a hovercraft? (2M)
- f) How does Ray describe the place of his birth and the surrounding villages? (2M)
- g) What were the problems faced by Ramanujan to pursue his college education? (2M)

PART -B

2. a) What are the arguments made by the author to say that education is necessary? (5M)
- b) Explain how Kalam worked for Pokhran –II and Agni missile. (5M)
- c) Write a letter to the municipality about burning of the garbage that is creating smoke and pollution in your locality. (4M)
3. a) Describe the pros and cons of a scientist's invention and the dilemma of the scientist who created the invention. (5M)
- b) What events in Raman's life temporarily affected his research? (5M)
- c) Write about 'Note making'. (4M)
4. a) How can a local person help a new comer to come out of the effect of culture shock? (5M)
- b) What were the objectives Bhabha wanted to fulfill with the nuclear programme? (5M)
- c) Fill in the blanks with suitable verb forms: (4M)
 - i. Shyam ----- (report) to duty in the morning today.
 - ii. Each of the players ----- [participate) in the event.
 - iii. Simmons ----- [visit} his parents house every day.
 - iv. The sessions ----- (begin) next week.
5. a) Elaborate the process of the lottery in the village. (5M)
- b) Write about the devise invented by Bose and its use. (4M)
- c) Write an essay on 'Tourism in India'. (5M)

6. a) Write about the maintenance of temperature and air quality management to protect people from heat and pollution. (5M)
- b) With what objectives did Ray start Bengal chemicals and pharmaceuticals company? (5M)
- c) Give one word substitutes of the following: (4M)
- i. A speech delivered without previous preparation.
 - ii. That which can be easily broken.
 - iii. One who collects coins?
 - iv. A person who is fond of food.
7. a) How did the association with Allen help Gates in the development of Microsoft? (5M)
- b) Give an account of Ramanujan's achievements. (5M)
- c) Correct the following sentences. (4M)
- i. The boy is clever than his brother.
 - ii. She is a untidy girl.
 - iii. Never depends upon someone's help.
 - iv. One must serve his own parents.

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PART -A

1. a) What is a know-how as defined in the lesson 'The great resource-education'? (2M)
- b) Describe the black box used in the lottery. (2M)
- c) How did Gates mother support him? (2M)
- d) What is public health surveillance? (2M)
- e) What helped Ray in going to England for higher studies? (2M)
- f) What were Branley's experiment and its importance? (2M)
- g) What was the most devastating incident during the world war II? (2M)

PART -B

2. a) What are the consequences of not being aware of the scientific and intellectual advances? (5M)
- b) Explain the work done by Kalam at DRDO. (5M)
- c) Give the antonyms of the following: (4M)
 - i. generous
 - ii. Unanimous
 - iii. Orthodox
 - iv. ambiguous
3. a) Describe the positive and negative effects of a scientific invention on the society. (5M)
What is a culture shock?
- b) What were the significant influences on Raman? (5M)
- c) Write an email message to the staff about the meeting in the office conference hall. (4M)
4. a) Explain JC Bose experiments on Physiology of plants. (5M)
- b) Express your views on Research in India. (5M)
- c) Fill in the blanks with suitable verb forms: (4M)
 - i. Meera ----- [finish] her home work before she ---- [leave] for play ground.
 - ii. Rakesh ----- [sing], while his brother ----- [play] the drums.
5. a) What is the purpose of the lottery? Is it justified? (5M)
- b) When and Why he was invited to Paris? (4M)
- c) Write an essay on 'digital economy'. (5M)

6. a) Explain how climate becomes responsible for various health problems? (5M)
- b) Write about entrepreneurship and social vision of P.C.Ray. (4M)
- c) Correct the following: (5M)
- i. The teacher congratulated the boy about his winning the gold medal.
 - ii. Jacob is a university student.
 - iii. He is junior than me.
 - iv. Ganges is a holy river.
7. a) How did Bill Gates Start and develop Microsoft? (5M)
- b) Write about Ramanujan's efforts in the field of Mathematics. (4M)
- c) Write a report on a food processing unit that you visited recently. (5M)