

I B.Tech Regular Examinations, May/June 2006**ENGLISH**

(Common to Civil Engineering, Electrical & Electronic Engineering, Mechanical Engineering, Electronics & Communication Engineering, Computer Science & Engineering, Chemical Engineering, Electronics & Instrumentation Engineering, Bio-Medical Engineering, Information Technology, Electronics & Control Engineering, Mechatronics, Computer Science & Systems Engineering, Electronics & Telematics, Metallurgy & Material Technology, Electronics & Computer Engineering, Production Engineering, Aeronautical Engineering, Instrumentation & Control Engineering, Bio-Technology and Automobile Engineering)

Time: 3 hours**Max Marks: 80**

Answer any FIVE Questions
All Questions carry equal marks

1. Give a brief of Newton's Law of Gravity. [16]
2. What is Weiner's contribution to computer ethics? [16]
3. Describe Datta and his Modern Frame works? [16]
4. C.V. Raman considers that rain water running into the sea is a great national problem and should be dealt with accordingly. Discuss the results of a well-planned action to avoid this problem in a country like India. [16]
5. Kalpana dreamed of reaching the stars. Did her dream come true? [16]
6. Do you accept Kalam as a great scientific leader in relation to the launch of *Agni*? Give your reasons. [16]
7. Write a detailed essay in your own words on the topic 'machine civilisation'. [16]
8. (a) Fill in the blanks with appropriate verb forms. [4×4=16]
 - i. He _____ (walk) across the road when a bicycle hit him.
 - ii. If wishes _____ (be) horses, beggars would ride them.
 - iii. In this season, usually the day _____ (dawn) at 6.00a.m.
 - iv. Neither of them _____ (serve) the mankind.
- (b) Fill in the blanks with appropriate preposition / article
 - i. The rich must have compassion _____ the poor people.
 - ii. I am very curious _____ about knowing the result.
 - iii. Every student must submit _____ article on any subject
 - iv. I want to purchase _____ audio system today.
- (c) Add prefixes or suffixes to the given meanings
 - i. _____ archy = without government

- ii. _____ script = return afterwards
 - iii. construct _____ = act of constructing
 - iv. book _____ = a small book
- (d) Fill in the blanks with appropriate word choosing from the bracket.
- i. He is _____ of her victory in the elocution contest (zealous / jealous)
 - ii. No _____ man will cheat others (decent / descent)
 - iii. The _____ of the food was given off to the beggars (remainder / reminder)
 - iv. The enemy forces raised a _____ of the fort , cutting off supply routes. (siege / seize)

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1. Describe in brief the childhood of Kalam. [16]
2. What are Johnson's and Krystna's views on Computer Ethics? [16]
3. He racked his brain for a long while till sheer exhaustion calmed his agitated nerves and made him accept the situation with a helpless resignation ? What was the helpless situation and what prompted Datta to think so much? [16]
4. Write about Wernher von Braun, the world-renowned rocket scientist, whom Kalam regarded with awe. [16]
5. The shy but cheerful girl with boundless energy and a strong inclination for adventure, Kalpana from Karnal becomes an astronaut in NASA. How could she make this possible? [16]
6. How did India react to the response of the West? Did it stop its missile development programme, or emerge as a self-reliant country in the field of guided missiles? [16]
7. Assume that you are the publicity officer of the tourist department of a state government which has recently developed a new tourist centre near Delhi. This centre has an aquarium, an artificial lake, and a Japanese style hanging garden. There is a tourist bungalow which has air conditioned rooms, a bar and a swimming pool. Draft a letter to be sent to the first Secretaries of the foreign diplomatic missions in Delhi for promoting tourist traffic to this centre. [16]
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1. What is meant by hypothesis? Cite examples. [16]
2. What is Weiner's contribution to computer ethics? [16]
3. Why did the customer visit Datta's shop? [16]
4. According to C.V. Raman 'water is the basis of all life'. Support the statement with your answer. [16]
5. How did Kalam infuse young blood in DRDL? Write the consequences of it in detail. [16]
6. Joe Larrabee and Delia Caruthers are considered as an ideal couple. Discuss. [16]
7. After interviewing an applicant for the post of secretary to your company, you decide that he is unsuitable. Write a letter to him rejecting his application, and briefly giving your reasons for your rejection. [16]
8. (a) Fill in the blanks with appropriate verb forms. [4×4=16]
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1. How was Copernican theory supported by Galileo? [16]
2. (a) What is 'second industrial revolution'?
 (b) How is the computer revolution globalised? [8+8]
3. What was the approach of Prof. Sarabhai to mistakes? [16]
4. What do you learn from Kalam's behaviour following the success of SLV-3 and his feelings after receiving Padma Bhushan? [16]
5. The shy but cheerful girl with boundless energy and a strong inclination for adventure, Kalpana from Karnal becomes an astronaut in NASA. How could she make this possible? [16]
6. Do you think that Joe and Delia deceived each other? Discuss. [16]
7. You have been asked by a firm which manufactures detergent powder to make a study of the consumer reaction to their product and suggest measures to improve the image and the sales of their product. Prepare a report of the study. [16]
8. (a) Correct the following sentences. [4×4=16]
 - i. I don't think he can be able to solve the problem.
 - ii. He was called as 'the big brother' by his friends.
 - iii. Let us discuss about the dispute
 - iv. The volunteers came to the meeting by foot.
- (b) Fill in the blanks with appropriate preposition / article
 - i. I am talking about _____ India I knew when I was young.
 - ii. She learnt to play _____ violin.
 - iii. She was angry _____ me.

iv. We congratulated him _____ his success.

(c) Use the following idioms / phrases in your own sentences

i. Bolt from the blue

ii. By hook or crook

iii. To be abreast of

iv. Be all and end all

(d) Write the synonyms of the following words

i. worsen

ii. frank

iii. consent

iv. tendency
