

Code No: 151AH

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****B.Tech I Year I Semester Examinations, May/June - 2019****ENGLISH****(Common to EEE, CSE, IT)****Time: 3 hours****Max. Marks: 75****Note:** This question paper contains two parts A and B.

Part A is compulsory which carries 25 marks. Answer all questions in Part A.

Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

**PART- A****(25 Marks)**

- 1.a) i) Give the meaning of the prefix '*pre*'. Use the word formed with the prefix in a sentence.  
ii) Give the meaning of the prefix '*im*'. [2]
- b) Complete the sentences with correct prepositions:  
i) We are sorry ---- having disturbed you.  
ii) The woman ----the car is my neighbour. [2]
- c) Choose the correct antonym for the word 'Delineate' and use it in a sentence [2]  
i) Define ii) Outline iii) Demarcate iv) Expand
- d) Correct the following sentences: [2]  
i) My father knows to teach English well.  
ii) I cannot cope up with this pressure.
- e) Define the term technical vocabulary with examples? [2]
- f) Identify the tense form in the sentences given. [3]  
i) They repented of their mistakes.  
ii) He teaches psychology
- g) The architecture of India is rooted in its history, culture and religion. Explain briefly. [3]
- h) How are blue jeans inspected after they are completed? [3]
- i) What is the role of eating healthy carbohydrates in one's diet? [3]
- j) What are the processes that glass is put through in the factory? [3]

**PART-B****(50 Marks)**

- 2.a) Which incident really struck CV Raman to explore the blue colour of the sea?
- b) Join the sentences using conjunctions  
i) You can have peach ice cream ---- a brownie sundae.  
ii) Neither the black dress ----- the gray one looks right on me
- c) Write the meanings of the phrasal verbs and use them in a sentence. [3+3+4]  
i) Paid off-----  
ii) Chip off -----  
iii) Drop in-----  
iv) Break out -----

**OR**

- 3.a) What were the three major areas that Raman initiated research after returning to India?  
 b) Write a paragraph on 'the use of e- seva center in the society'  
 c) Complete the sentences using appropriate conditional clauses. [4+4+2]  
 i) As a result of seismic testing, -----  
 ii) As long as I am capable-----.
- 4.a) What is the significance of travel and tourism in our culture?  
 b) What is a Jataka story?  
 c) Write a letter of requisition to seek scholarship. [3+3+4]
- OR**
- 5.a) How did the Gandhara style emerge?  
 b) Name any two indigenous styles of architecture?  
 c) What is the importance of writing a job application letter while sending your resume? [4+3+3]
- 6.a) Explain in brief the initial process of reserving a slot for applying for passport?  
 b) What are sub skills of reading?  
 c) What were the steps 'Denim' went through before being used as pants? [3+3+4]
- OR**
- 7.a) Write the meanings of the following connectives (adverbials) and use them in a sentence.  
 i) Substantially -----  
 ii) Mockingly -----  
 iii) Anonymously -----  
 iv) Apparently -----  
 b) Describe the evolution of blue jeans?  
 c) What kind of raw materials are used in making denim? Who invented 'riveted pants'? [4+3+3]
- 8.a) 'It's a myth that all fats should be avoided' interpret ?  
 b) Write an essay about a memorable journey made to a historical place in your life?  
 c) What is the connection between whole grains and insulin? [3+4+3]
- OR**
- 9.a) What is the difference between 'extensive reading' and 'intensive reading'?  
 b) Identify redundancies in the following sentences:  
 i) The reason is because-----  
 ii) Continue on-----  
 iii) During the course of-----  
 c) Identify clichéd words in the following sentences [4+3+3]  
 i) Add an additional: -----  
 ii) Added bonus: -----  
 iii) Advance notice/planning/reservations/warning: -----
- 10.a) Imagine you organise a sports day your institute. Draft the highlights of the programme and prepare a report of the same. Assume relevant data.  
 b) According to you what are the two main factors that change your body weight?  
 c) How is your body affected when you consume sugary drinks excessively? [4+3+3]
- OR**

- 11.a) List foods that contain high amounts of sodium?  
b) Why should dairy products be consumed in moderation?  
c) Read the text below and write a precis in about 100 words. [2+3+5]

The fossil remains of the first flying vertebrates, the pterosaurs, have intrigued paleontologists for more than two centuries. How such large creatures, which weighed in some cases as much as a piloted hang glider and had wingspans from 8 to 12 meters, solved the problems of powered flight, and exactly what these creatures were—reptiles or birds—are among the questions scientists have puzzled over. Perhaps the least controversial. The anatomy of their wings suggests that they did not evolve into the class of birds. In pterosaurs a greatly elongated fourth finger of each forelimb supported a wing like membrane. The other fingers were short and reptilian, with sharp claws. In birds the second finger is the principle strut of the wing, which consists primarily of feathers. If the pterosaur walked or remained stationary, the fourth finger, and with it the wing, could only turn upward in an extended inverted V-shape along side of the animal's body. The pterosaurs resembled both birds and bats in their overall structure and proportions. This is not surprising because the design of any flying vertebrate is subject to aerodynamic constraints. Both the pterosaurs and the birds have hollow bones, a feature that represents a saving in weight. In the birds, however, these bones are reinforced more massively by internal struts.

Although scales typically cover reptiles, the pterosaurs probably had hairy coats. T.H. Huxley reasoned that flying vertebrates must have been warm-blooded because flying implies a high internal temperature. Huxley speculated that a coat of hair would insulate against loss of body heat and might streamline the body to reduce drag in flight. The recent discovery of a pterosaur specimen covered in long, dense, and relatively thick hair like fossil material was the first clear evidence that his reasoning was correct. Efforts to explain how the pterosaurs became air-borne have led to suggestions that they launched themselves by jumping from cliffs, by dropping from trees, or even by rising into light winds from the crests of waves. Each hypothesis has its difficulties. The first wrongly assumes that the pterosaur's hind feet resembled a bat's and could serve as hooks by which the animal could hang in preparation for flight. The second hypothesis seems unlikely because large pterosaurs could not have landed in trees without damaging their wings. The birds call for high waves to channels updrafts. The wind that made such waves however, might have been too strong for the pterosaurs to control their flight once airborne.

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