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Question Paper Code: 51001

B.E. / B.Tech. DEGREE EXAMINATION, APRIL 2019

First Semester

Civil Engineering

15UEN101 - TECHNICAL ENGLISH

(Common to ALL branches)

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 1 = 10 Marks)

1. Pick out the best meaning for the underlined word:
Her mother said, "I forbid you to go to the store – it is raining outside."
(a) Dread (b) hope (c) not allow (d) suggest CO1- R
2. The synonym of 'stringent' is _____.
(a) Several (b) Severe (c) Mild (d) Lenient CO1- R
3. Select the correct form of the verb that agrees with the subject:
Everyone of the laborers _____ given a reward. CO2- R
(a) have (b) is (c) has (d) are
4. Select the appropriate question word: CO2- R
_____ is essentially a social animal?
(a) What (b) When (c) Who (d) How
5. Choose the suitable verb for the passive form: CO3- R
Active : They are conducting tests
Passive: Tests _____ conducted by them.
(a) is being (b) are being (c) have been (d) can be

6. Select the appropriate Voice form of the verb: CO3- R
 Family values _____ in Indian culture.
 (a) Has deep-rooted (b) Have deep-rooted
 (c) Has been deep-rooted (d) Have been deep-rooted
7. Identify the meaning of the idiom ‘apple pie order’: CO4- R
 (a) Salad (b) untidy (c) neat and clean (d) none of these
8. Choose a suitable idiom & phrases: CO4- R
 “I can’t concentrate – let’s _____.”
 (a) drive me up the wall (b) hit the nail on the head
 (c) know the ropes (d) call it a day
9. Pick out the suitable one word substitution: CO5- R
 The animals of a particular region.
 (a) Flora (b) fauna (c) fiasco (d) none of these
10. Identify the correct pair of meanings for the homonyms ‘bear – bare’: CO5- R
 (a) naked – wine (b) naked – to endure (c) wine – naked (d) to endure - naked

PART – B (5 x 2= 10Marks)

11. Bring out the professional background of Dr.Karan Singh. CO1- U
12. Name the three great minds who are mentioned in “My Vision for India” by CO2-U
 Dr. Kalam.
13. Which author says, “You have won rooms of your own in the house hitherto CO-3 U
 exclusively owned by men”?
14. Name any two serious problems which are not resolved in our country mentioned CO-4 U
 by Narayanamoorthy?
15. Bring out the significance of 1857 with reference to ‘My Vision of India? CO-5 U

PART – C (5 x 16= 80Marks)

16. Read the following passage and answer the questions given below, based on the text CO1- U
 in the passage:

Some 40 million years ago, the plate bearing India began colliding with the one carrying Eurasia. The mighty collision in Himalayas rose as a result of this ongoing collision and the Tibetan plateau is thought to have been pushed up by as many as three kilometers over the last 10 million years. The rise of this majestic mountain range and the adjacent plateau led to the onset of the Asian monsoon some

eight million years ago. As the India plate continues to push into Eurasia, fearful stresses accumulate at the faults marking the boundaries between the two plates. For long periods, the two plates remain locked together rather like Sumo wrestlers trying to get the better of each other. Then suddenly, when the strain becomes too great one or more of the faults rupture, setting off an earthquake and allowing a bit of the Indian plate to slip beneath Eurasia. When the rupture happens under the sea, as it did on that fateful morning on December 26, 2004, it can set off a tsunami.

Global Positioning System (GPS) receivers that actually monitor the position of places on either side of the plate boundary provide an indication of the strain that is building up. This, combined with estimates of the strain released by past earthquakes, gives researchers an indication of which faults are most likely to rupture again. A leading geologist has estimated that sufficient strain had accumulated at about a dozen places across the Himalayas to drive a 'great earthquake' (one with a magnitude greater than 8). However, no one can predict when or precisely where such an earthquake redistributing stresses and causing another nearby fault to act up. There are active fears that December's earthquake might also push faults in the Himalayas, already teetering on the edge, into rupturing. A great earthquake in the Himalayas could claim tens of thousands of lives.

It is not as though dangers to India from earthquakes are restricted to the plate boundaries. Faults marking weak zones within the Indian plate can also fail, as happened at Bhuj in Gujarat on the Republic Day in 2001 when about 20,000 people died. Over 60 percent of the Indian land mass is liable to be affected by earthquakes of various intensities. Many of India's populous cities, including Delhi, Mumbai, and Chennai, are located in zones with considerable seismic risk. A government document remarks grimly; 'some of the most intense earthquakes of the world have occurred in India, but fortunately none of these have occurred in any of the major cities. Typically, the majority of the constructions in these cities are not earthquake resistant. Thus any earthquake striking in one of these cities would turn into a major disaster.' It will be prudent not to push that sort of luck too far. Considering how much of the country and its people are vulnerable to earthquakes, a serene awareness in the face of these risks is deeply disturbing. Creating the necessary awareness at all levels in vulnerable cities, towns, and villages must be the top priority. Only then can measures to make buildings and other types of construction better able to withstand earthquakes really take root.

(a) Choose the correct answer:

(4)

(i) The Asian monsoon was the result of _____

- (1) Severe earth quakes in the Himalayan region
- (2) Frequent earthquakes in the Himalayan region

(3) Rise of the Himalayan range and the nearby plateau

(4) Fall of the Himalayan range and the nearby plateau

(ii) Major Indian Cities are prone to _____

(1) Danger (2) Destruction

(3) Tsunami (4) Earthquake

(iii) A great earth quake in the Himalayas means

(1) Loss of lives (2) Loss of cattle

(3) Loss of natural resources (4) Loss of tens of thousands of lives

(iv) The earthquake at Bhuj occurred on _____

(1) December 26th 2004 (2) January 26th 2001

(3) December 26th 2001 (4) January 26th 2004

(b) Mention whether the following statements are True or False:

(i) The Tibetan plateau moved up due to a collision between two plates.

(6)

(ii) The colliding plates are Sumo wrestlers.

(iii) Scientists cannot exactly predict when earthquakes will occur.

(iv) Earthquakes will occur near plate boundaries only.

(v) Delhi, Mumbai, and Chennai can also be affected by earthquakes anytime.

(vi) Awareness alone will save the people from earthquakes completely.

(c) Choose the appropriate definition for the given words or phrases used in the text:

(i) Accumulate (6)

1) Gather fast 2) Collect gradually 3) Put together 4) Count

(ii) Faults

1) Cracks 2) Mistakes 3) Wrongs 4) Errors

(iii) Setoff

1) Close 2) Rise 3) Push 4) Begin

(iv) Building up

1) Construct 2) Develop 3) Make 4) Create

(v) Act up

1) Behave badly 2) Behave nicely 3) Perform well 4) Show up

(vi) Teering

1) Fall down heavily 2) Stand straight 3) Move steadily 4) Move unsteadily

17. (a) Imagine that you have decided to go on a weeklong tour with all your family members to Goa. Prepare a checklist of eight important items that are to be checked before you leave the house. CO2- U (16)

Or

- (b) Write a letter to the Editor of a local newspaper expressing your anguish over the pollution caused by the discharge of untreated effluents by the factories of your locality CO2- U (16)

18. (a) Draft a letter to the editor of a newspaper explaining the need for providing bright street lamps in your street where there is no adequate lighting for most part of street. CO3- U (16)

Or

- (b) (i) Prepare a checklist that consists of eight items to be checked before you leave your house for a long tour. CO3- U (8)

- (ii) Write a set of eight instructions to be followed in your college library. CO3- U (8)

19. (a) Study the following table carefully. Describe and comment on it in not more than 150 words. CO4- U (16)

Food grain production in India

Production in Million tons	2013-2014	2014 -2015	2015 – 2016	2016 - 2017
Rice	56	49	59	61
Sugarcane	25	24	28	29
Coffee	11	11	18	41

Or

- (b) Study the following carefully. Describe and comment on it in a paragraph of not more than 250 words: CO-4-U (16)

S.No	Manufacturer	1988-89	1989-90
1	Hindustan Motors	28,293	28,730
2	Premier Automobiles	38,293	42,313
3	Maruti Udyog Motors	98,505	1,08,023
4	Standard Motors	172	Nil
5	Sipani Motors	85	Nil

20. (a) **Indians always put self and family interest before that of the community’ – Bring out this idea with special reference to Narayana Murthy’s “What We Must Learn From the West”.** CO5- Ana (16)

Or

(b) Write the critical appreciation of Virginia Woolf’s “Professions for Women in about 250 words. CO5- Ana (16)

