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Question Paper Code: U1001

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2023

First Semester

Civil Engineering

21UEN101 - ENGLISH FOR TECHNICAL COMMUNICATION

(Common to ALL branches)

(Regulations 2021)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 1 = 10 Marks)

1. He _____ TV most evening. CO1-App
(a) watches (b) is watch (c) is watching (d) None of the above
2. Fill in the blank with appropriate verb: CO1-App
The farmer _____ the whole neighbourhood with fruit and vegetables.
(a) supplied (b) were supplied (c) have (d) supplying
supplied
3. Use a single word that substitutes the following phrase: CO1-App
The first speech delivered by a person.
(a) Extempore (b) Maiden speech (c) Oration (d) Speech
4. Fill in the blanks with suitable tense forms from the options given: CO1-App
I _____ a book when you called.
(a) has read (b) will read (c) can read (d) was reading
5. Complete the word in the blank using the correct suffix. CO1-App
The stranger had a strange appear ____ (-ing, -ance, -less, -dis)
6. He is _____ the pressure of being removed _____ the CO1-App
post which he is holding at present.
(a) at,on (b) from,under (c) under, at (d) under, from

7. Fill in the blanks with suitable conjunction: CO1-App
 You won't pass the test _____ you study.
 (a) whether (b) unless (c) more (d) less
8. Make sentences using any two of the following phrasal verbs: CO1-App
 (a) back up (b) put off (c) call off (d) get over
9. Guess the meaning of word in bold from the context. Choose the option from the options given: CO1-App
 A balanced diet is **Crucial** for maintaining one's health and fitness.
 (a) Peripheral (b) necessary (c) optional (d) unnecessary
10. Read the following sentence and correct the errors. CO1-App
 Sita could not understands what the teacher was saying.

PART – B (5 x 2= 10 Marks)

11. State the difference between prefix and suffix with examples. CO1- App
12. Write any two sentences for common Noun. CO1- App
13. Define Abstract noun. CO1- App
14. Write two examples for Adjectives of Quantity. CO1- App
15. What is Scanning? CO2-App

PART – C (5 x 16= 80 Marks)

16. (a) Read the following passage carefully and answer the questions: CO2-App (16)
 Philadelphia is a city known for many things. It is where the Declaration of Independence was signed in 1776, and it was also the first capital of the United States. But one fact about Philadelphia is not so well-known: it is how to nearly 3,000 murals painted on the sides of homes and buildings around the city. In fact, **it is said** that Philadelphia has more murals than any other city in the world, **with the exception o Rome**. How did this come to be?
 More than 20 years ago, a New Jersey artist named Golden started a program pairing troubled youth with artists to paint murals on a few buildings around the city. From this small project, something magical happened. The young people involved helped to create magnificent pieces of art, but there were other, perhaps more important benefits. The young learned to collaborate

and get along with many different kinds of people during the various steps required to paint and design a mural. They learned to be responsible; because they needed to follow a schedule to make sure the murals were completed. They also learned to take pride in their community. It is hard for any resident to see the spectacular designs and not feel proud to be a part of Philadelphia.

Take a walk around some of the poorest neighborhoods in Philadelphia, neighborhoods full of broken windows and littered front steps, and you will find beautiful works of art on the sides and fronts of buildings. Of course, the murals are not just in poor neighborhoods, but more **affluent** ones as well. Special buses take tourists to different parts of the city to see the various murals, which range from huge portraits of historical heroes, to cityscapes, to scenes depicting the diverse ethnic groups that call Philadelphia home.

As a result of its success, the mural program created by Jane Golden has now become the nation's largest public art program and a model for other cities throughout the country seeking to help troubled youth.

(a) Answer the following questions:

(i) The main focus of the passage is

1. An art program designed to help troubled youth.
2. The many tourists who come to Philadelphia to see murals.
3. The reasons why Philadelphia is a unique city.
4. How Jane Golden came up with the idea to start a mural program.

(ii) As used in paragraph I, the phrase “it is said “suggests that the author is

1. Knowingly misleading the reader.
2. Using a quote from someone else
3. Referring to something that is widely believed, but may be untrue.
4. Referring to something that he or she does not personally believe.

(iii) The phrase “with the exception of Rome” in paragraph I means that

1. Rome has fewer murals than Philadelphia
2. Philadelphia has fewer murals than Rome
3. Rome has the most beautiful murals of all

4. Rome and Philadelphia are the only cities with murals.
- (iv) According to the passage, the murals in Philadelphia
1. Instill responsibility and pride in the people who paint them
 2. Are solely designed by the youth who paint them
 3. Painted by only famous artists
 4. Has been painted by Government.
- (v) The word affluent in paragraph 3 means?
1. Popular
 2. Clean
 3. well – known
 4. Wealthy
- (vi) Based on information in the passage, the author most likely believes that
1. There are too many murals in Philadelphia
 2. The mural program was an inspirational idea
 3. All troubled youth should learn how to paint
 4. Every city in the country should adopt the mural program.
- (vii) From the given passage, it can be inferred that the author believes the two best reasons for other cities to adopt the mural program are to
1. Beautify their city and draw tourists
 2. Help troubled youth and beautify their city
 3. Have as many murals as Philadelphia and help troubled youth.
 4. Draw tourists and surpass Philadelphia in terms of number of murals.
- (viii) The mural program started by Jane Golden was
1. Successful
 2. A failure
 3. Not popular
 4. Not supported by people

17. (a) Read the passage given below and do note making and supply a suitable title to it. CO3- App (16)

Keeping cities clean is essential for keeping their residents healthy. Our health depends not just on personal hygiene and nutrition, but critically also on how clean we keep our cities and their surroundings. The spread of dengue and chikungunya are

intimately linked to the deteriorating state of public health conditions in our cities. The good news is that waste management to keep cities clean is now getting attention through the Swachh Bharat Mission. However, much of the attention begins and stops with the brooms and the dustbins, extending at most to the collection and transportation of the mixed waste to some distant or not so distant place, preferably out of sight. The challenge of processing and treating the different streams of solid waste, and safe disposal of the residuals in scientific landfills, has received much less attention in municipal solid waste management than is expected from a health point of view.

One of the problems is that instead of focusing on waste management for health, we have got sidetracked into “waste for energy”. If only we were to begin by not mixing the biodegradable component of solid waste (close to 60 percent of the total) in our cities with the dry waste, and instead use this stream of waste for composting and producing a gas called methane. City compost from biodegradable waste provides an alternative to farmyard manure (like cow-dung). It provides an opportunity to simultaneously clean up our cities and help improve agricultural productivity and quality of the soil. Organic manure or compost plays a very important role as a supplement to chemical fertilisers in enriching the nutrient-deficient soils. City compost can be the new player in the field.

Benefits of compost on the farm are well-known. The water holding capacity of the soil which uses compost helps with drought-proofing, and the requirement of less water per crop is a welcome feature for a water-stressed future. By making the soil porous, use of compost also makes roots stronger and resistant to pests and decay. Farmers using compost, therefore, need less quantity of pesticides. There is also evidence to suggest that horticulture crops grown with compost have better flavour, size, colour and shelf-life. City compost has the additional advantage of being weed-free unlike farmyard manure which brings with it the seeds of undigested grasses and requires a substantial additional labour cost for weeding as the crops grow. City compost is also rich in organic carbon, and our soils are short in this.

Farmers clearly recognize the value of city compost. If city waste was composted before making it available to the farmers for applying to the soil, cities would be cleaned up and the fields

around them would be much more productive. Quite apart from cleaning up the cities of biodegradable waste, this would be a major and sustainable contribution to improving the health of our soil without further damage by excessive chemical inputs. What a marvellous change from waste to health! The good news is that some states are regularly laying plastic roads. Plastic roads will not only withstand future monsoon damage but will also solve a city's problem of disposing of non-recyclable plastic. It is clear that if the mountains of waste from our cities were to be recycled into road construction material, it would tackle the problem of managing waste while freeing up scarce land.

Or

- (b) The world faces energy crisis. Write two paragraphs not exceeding 200 words about solving this problem by using alternative source of energy. CO3- App (16)
18. (a) Rearrange the jumbled sentences in a logical order. CO3- App (16)
- (a) Again, it is rarely sufficient for an advertiser simply to amuse the target audience in order to reap the sales benefit.
 - (b) There are indications that in substituting the hard sell for a more entertaining approach; some agencies have rather thrown out the baby with the bath water.
 - (c) Making people laugh is tricky.
 - (d) Therefore, it requires a balance of humour and the ability to convince the audience that the product is good enough to be purchased.
 - (e) This is because the commercial can fall flat on many grounds.
 - (f) There are many advertisements which do amuse but do not even being to set the cash tills ringing.
 - (g) Making people laugh while trying to sell them something is a tougher challenge particularly when the medium is through a commercial.
 - (h) At times, the intended humour may simply not come off.

Or

- (b) Write a letter to your friend about a book that you have read recently and also suggest this book for your friend to read in his summer vacation by reviewing the book in your letter. CO3- App (16)

19. (a) Write a set of Eight Instructions to be followed in the Interview. CO3-App (16)
Or
(b) Write a set of Eight Instructions to maintain Our Body Healthy. CO3-App (16)
20. (a) Imagine that you are a Safety Engineer in a car manufacturing factory. There has been a fire accident in the factory and one of the workers has been badly hurt and is in the hospital. Your General Manager has asked you to send him a detailed report on the accident together with your recommendations for averting a similar accident in the future. Prepare a report accordingly. CO3-App (16)
Or
(b) You are the works manager in Industrial Gases Limited where LPG cylinders are filled for utilization by the customers. Write a report to the Chairman of the company about an accident that happened in the LPG filling section in which five workers are seriously injured. Suggest the remedial measures also to avert such happenings in future. CO5-App (16)

