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Question Paper Code: 21001

B.E. / B.Tech. DEGREE EXAMINATION, MAY 2022.

Second Semester

Civil Engineering

01UEN201 – TECHNICAL ENGLISH - II

(Common to all braches)

(Regulation 2013)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions.

PART A - (10 x 2 = 20 Marks)

- Match the words in the Column A with their meanings in Column B. (4 x ½ = 2)

Column A	Column B
a. Stationary	(i) severe
b. Holistic	(ii) consider before hand
c. Stringent	(iii) not moving or changing
d. Anticipation	(iv) seeing as a whole
- Fill in the blanks with suitable prepositions. (4 x ½ = 2)

The ozone layer filters sunlight and prevents adverse ultraviolet radiation _____ reaching the earth's surface. The UV-B radiation is a harmful form _____ ultraviolet radiation _____ a wavelength _____ 280 and 320 nanometres
- Expand the given compound nouns. (4 x ½ = 2)

(a) Waste disposal (b) Concrete structure (c) Health centre (d) Road transport
- Rewrite the following into indirect speech. (2 x 1 = 2)

(a) Rohit said to Venkat , “When did you meet your friend?”

- (b) The Manager said to the Secretary, "Submit the report today evening."
5. Choose the correct word and fill in the blanks. (4 x ½ = 2)
- (a) His _____ (soul/sole) aim is to join mechanical engineering.
 - (b) I don't know why he _____ (stares/stairs) at me for a long time.
 - (c) We must heat the _____ (steel/steal) above its critical temperature.
 - (d) The workers should _____ (adopt/adapt) new methods of production
6. Rewrite the following sentences as directed. (2 x 1= 2)
- (a) We must eat, or we cannot live. (into simple sentence)
 - (b) The coffee is too hot to drink. (into complex sentence)
7. Frame suitable questions for the given statements. (4 x ½ = 2)
- (a) Yes, they are my friends.
 - (b) Varun's father is a doctor.
 - (c) Kumutha is coming from America.
 - (d) No, he does not like milk
8. Change the following sentences as directed. (2 x 1= 2)
- (a) It is expensive to modernize sick mills. (Use the gerund form)
 - (b) Solving certain problems in Mathematics is difficult. (Use the infinitive form)
9. Complete the following conditional sentences meaningfully. (2 x 1= 2)
- (a) If you had followed the footsteps of great scholars, _____.
 - (b) If the developed countries reduce the emission of green house gases, _____.
10. Fill in the blanks with suitable articles. (4 x ½ = 2)
- In 1945 _____ organization at world level was formed. It is called _____ United Nations Organization. _____ main aim of _____ organization is to establish the world peace.

PART - B (5 x 16 = 80 Marks)

11. Answer both the subdivisions (a) and (b)
- (a) Read the following passage carefully and answer the questions given at the end of it.

Wikipedia is a multilingual, web-based free content encyclopaedia project. Wikipedia is written collaboratively by volunteers; the vast majority of its articles can be edited by anyone with access to the internet. Wikipedia's name is a portmanteau of the words wiki (a type of collaborative website) and encyclopaedia. Its main servers are in Tampa, with additional servers in Amsterdam and Seoul.

Wikipedia's English edition was launched on January 15, 2001 as a complement to Nupedia, expert-written and now defunct encyclopaedia. The project is currently operated by the Wikipedia Foundation, a non-profit organization created by Jimmy Wales, the co-founder of Wikipedia. Wikipedia has approximately 7.5 million articles in 253 languages, 1.8 million of which are in the English edition. It has steadily risen in popularity since its inception, and currently ranks among the top ten most-visited websites worldwide. Traffic to Wikipedia's 72 servers on any given day exceeds 80 million hits.

Wikipedia was co-founded by Jimmy Wales, who believed in creating an open encyclopaedia that anyone can contribute to. The project also adapted a rule: every time someone edits an article, new version is created and stored. All contributions are kept for posterity and identified as such.

Due to its open nature, critics have questioned Wikipedia's reliability and accuracy. The site has also been criticized for its susceptibility to vandalism and the addition of false or unverified information, uneven quantity, systematic bias and inconsistencies, and for favouring consensus over credentials in its editorial process. Wikipedia's content policies and subprojects set up by contributors seek to address these concerns. Two scholarly studies have concluded that vandalism is generally short-lived and that Wikipedia is generally as accurate as other encyclopaedias.

Some studies suggest that Wikipedia provides a good starting point for research, but sometimes suffers from omissions and inaccuracies. On the other hand, an investigation by Nature comparing Wikipedia to the Encyclopaedia Britannica suggested a near similar level of accuracy in terms of its natural science articles. Encyclopaedia Britannica Inc. Disagreed and described this study as "fatally flawed", to which Nature later responded, stating that its study was perfectly neutral. Other studies have concluded that Wikipedia's coverage of history is significantly broader and deeper than that of Encarta, while being just as accurate, and that obvious vandalism is usually reverted quickly.

(1) Choose the response which best reflects the meaning of the text. (4 x 1 = 4)

- (i) Wikipedia is
 - (a) expert written defunct encyclopaedia
 - (b) a research based web project
 - (c) multilingual web based encyclopaedia
 - (d) multilingual web based limited users encyclopaedia project

- (ii) The speciality of the articles in Wikipedia is
 - (a) it is modified every time it is edited
 - (b) its old version is destroyed and replaced by new edition
 - (c) all articles are stored for posterity
 - (d) it cannot be modified at all
- (iii) Despite the accusation of vandalism, Wikipedia is praised for
 - (a) its accuracy of the subject
 - (b) favouring consensus of users
 - (c) broader and deeper coverage of the subject
 - (d) maintaining contributions for prosperity
- (iv) Encyclopaedia Britannica disagreed with the study of Nature because
 - (a) it acclaimed Wikipedia as superior to Britannica
 - (b) it praised Wikipedia for its broader and deeper coverage of the subject
 - (c) it suggested that Wikipedia had a similar level of accuracy in the subject
 - (d) it disclaimed the charge of vandalism by the critics on Wikipedia

2. Mention whether the following statements are True or False: (4 x 1= 4)
- (a) Wikipedia is a collaborative encyclopaedia project.
 - (b) Wikipedia was an instant hit right from the time of inception.
 - (c) There are no rules to be followed while contributing to the project.
 - (d) Encarta's coverage of history is broader and deeper along with accuracy.

3. Give one word from the text for the following statements: (4 x 1 = 4)
- (a) A website which functions in many languages.
 - (b) Something which does not exist anymore.
 - (c) Something which is a group effort.
 - (d) Being prone to something/someone.

- b) Read the following passage and answer the questions given below in a sentence or two: (4 x 1 = 4)

All time-keeping devices depend on counting a regularly-repeated phenomenon. The earliest time keeping devices were based on daily, monthly, or yearly cycles of the sun or moon. In the 16th century, the Italian scientist Galileo used the regular

swing of a pendulum to measure periods of time. The next edition of clocks was based on repeated mechanical oscillations or electronic vibrations. The more frequent the vibrations, the greater the potential accuracy of the clock. The crystal in a quartz watch typically vibrates 32,768 times a second, so it keeps better time than a pendulum clock, in which the pendulum swings a second. The most accurate time-keeping devices are atomic fountains, which are based on oscillations of atoms. Laser technology formed part of the early editions of atomic clocks and they were very precise. The atoms oscillate between two energy states. And the clock counts the oscillations. Atomic fountain devices are accurate to within one ten-billionth of a second per day.

- (a) What is common about all time-keeping devices?
 - (b) How does an atomic clock work?
 - (c) Why is an atomic fountain better than an electronic clock?
 - (d) What was the contribution of Galileo towards the measurement of time?
12. (a) Write a letter to the District Collector inviting him to preside over the valedictory function of Youth Red Cross to be held during the 3rd week of May 2014. Give him the details regarding the date, time, venue, number of participants, purpose of the programme and the nature of the activities undertaken by the volunteers of Youth Red Cross during 2013-2014. (16)

Or

- (b) Write a letter to the Head of the Department requesting permission for an industrial visit. (16)
13. (a) Write a set of eight recommendations to reduce unemployment problems. (16)

Or

- (b) Write a set of eight recommendations that could put an end to Child Labour. (16)
14. (a) Write a covering letter to the manager of Satyam Computers with reference to their below advertisement in Deccan Chronicle. Add a suitable Resume to your letter.

Date : 20th March 2014-02-19

Wanted : Network Administrator

Candidates should enclose their photo, a copy of their degree certificate and experience certificate if any. (16)

Or

(b) Your class has recently visited the TVS Company, Hosur. Submit a report to the Head of the Department detailing the visit. (16)

15. (a) Write two coherent paragraphs on 'the role of engineers in developing a country'. (16)

Or

(b) (i) As a student coordinator for technical presentations, you conducted a meeting for class representatives. Prepare the minutes of meeting to be submitted to the Principal. (8)

(ii) Prepare an agenda for the inauguration of Technical Project Expo. (8)
