

Reg. No. :

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

T 3305

B.E./B.Tech. DEGREE EXAMINATION, APRIL/MAY 2008.

Second Semester

(Regulation 2004)

Civil Engineering

HS 1151 — ENGLISH — II

(Common to all branches except Marine Engineering)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Match the words in column 'A' with their meanings in column 'B' :

- | | |
|------------------|--|
| (a) replenish | (i) living or growing in a place where originally from |
| (b) obsolescence | (ii) to fill again |
| (c) indigenous | (iii) a drawing, painting or photograph of a person |
| (d) portrait | (iv) state of being out of date, no longer useful |

2. Fill in the blanks with appropriate forms of the words :

Noun	Adjective	Person concerned
(a) technology	technological	_____
(b) _____	botanical	botanist
(c) geology	_____	geologist
(d) _____	chemical	chemist

3. Rewrite the following expressions as shown in the example :

Example : The lamp of a power of forty watts

Answer : A 40-watt power lamp.

- (a) A mat lasting for five days
- (b) A programme of fifty minutes duration
- (c) A flask with a capacity of two litres
- (d) A team consisting of eleven members

4. Fill in the blanks in the following passage with suitable prepositions :

One need not believe _____ astrology which says that silver is governed _____ the moon and that any object _____ such an influence is volatile since the moon is the fastest moving body _____ the sky.

5. Fill in the blanks in the following sentences with the appropriate tense forms of the verbs given in brackets :

A decade ago, people _____ (complain) about computerization. However, recent years _____ (tell) a different story. Today one _____ (know) that computerization of an economy, _____ (increase) its efficiency.

6. Add a suitable prefix (super, sub, infra, hyper) to the following words to match the meaning given against them :

- (a) _____ tension – abnormally high blood pressure
- (b) _____ zero – less than zero
- (c) _____ conductivity – the property of having zero electrical resistance
- (d) _____ sonic – (sound waves) just below the level of audibility.

7. Fill in the blanks with two forms of the nouns, the first one referring to an action and the second one referring to a substance :

Verb	Noun 1	Noun 2
(a) catalyse	_____	_____
(b) explode	_____	_____

8. Select any ONE of the following words and use it as Noun and Verb in separate sentences :
- (a) Conduct (Or) (b) Record.
9. Make sentences expressing purpose using the hints given below :
- Example : Carbon paper : to make copies while typing
- Answer : A carbon paper is used to make copies while typing.
- (a) flowchart : represents a process as a series of steps
- (b) aerial : receives broadcast signals.
10. Correct the mistakes in the following sentences :
- (a) Those who speak English consider themselves superior than those who don't.
- (b) The lecturer called him as a fool.
- (c) He always goes to college with shoes.
- (d) One of my cousins have joined the army.

PART B — (5 × 16 = 80 marks)

11. Read the following passage and answer the questions that follow :

Three great challenges dominate the scene as one contemplates the global environmental campaigning in the first few decades of the 21st century. First, there is a huge legacy of industrial pollution which is not being responded to. Second, societies can live and work cleanly and sensitively but the means to do so are neglected. And third, governments are failing to organise politics and policies to protect public goods.

The first of these is a failure to respond to and deal with the pollution legacy of the 20th century, and in particular global warming which is leading to climate change. Disruption of the world's climate is already having catastrophic consequences for human and ecological well-being. While the international climate convention was signed at the Rio Earth Summit in 1992 and although some progress has been made, effective action has not yet been agreed on, either in terms of targets or timetables.

The appropriate response to climate change is not mitigation or adaptation measures such as planting trees in the hope (not very well-founded) that they will mop up carbon dioxide or even constructing flood shelters for low-lying villages (through that is necessary). The appropriate response is to shift our energy economies rapidly out of fossil fuels and into renewable energy. It will be necessary to make extensive use of energy efficiency to make this task feasible in the necessary timescale.

The appropriate time scale is the time available to us before climate warming goes too far-before it reaches the upper limit of a rise of around 0.2 degree Celsius per decade beyond which United Nations advisors anticipate that unpredictable and drastic ecological damage will ensue. (By Greenpeace calculations this is a matter of a few decades, although evidence from coral reefs and the arctic and from the increasing extreme weather conditions now suggest that dramatic change is indeed underway). All nations need to make this switch and obviously industrial nations have a proportionately greater responsibility to act first. It is world's number one environmental concern.

- (a) Choose the response that best reflects the meaning of the text : ($4 \times 2 = 8$)
- (i) One of the alarming effects of global warming is
- (1) damage of coral reefs
 - (2) great climatic changes leading to adverse effects of man's health
 - (3) worldwide pollution
 - (4) worldwide floods
- (ii) Appropriate timescale is
- (1) the lifespan of an average human being
 - (2) the time it takes for complete ecological destruction
 - (3) the time that man has taken to pollute the environment
 - (4) the time that has been given to man before which he must tackle the problem of pollution
- (iii) Countries all over the world need to shift to renewable sources of energy but the ones that need to shift immediately are
- (1) developing countries
 - (2) countries that rely heavily on industries
 - (3) prosperous countries
 - (4) countries where fossil fuels are available in plenty

- (iv) The best manner in which climate change can be addressed is by
- (1) planting trees
 - (2) constructing flood shelters
 - (3) shifting to renewable sources of energy
 - (4) cleaning the oceans
- (b) Say whether the following statements are True or False : (4 × 1 = 4)
- (i) The legacy of industrial pollution is being dealt with concern by the governments.
 - (ii) We need to rapidly shift to alternative and clean forms of energy sources.
 - (iii) Targets have been set for effective action to deal with the problem of pollution.
 - (iv) The well being of human beings is being affected due to environmental pollution.
- (c) Choose the word that comes closest to mean the words or phrases as they are used in the text : (4 × 1 = 4)
- (i) catastrophic
 - (1) disastrous
 - (2) important
 - (3) far-reaching
 - (4) sudden
 - (ii) mitigation
 - (1) lessening
 - (2) increasing
 - (3) shift
 - (4) investigation

(iii) legacy

- (1) inheritance
- (2) problem
- (3) responsibility
- (4) ignorance

(iv) extensive

- (1) widespread
- (2) appropriate
- (3) careful
- (4) necessary

12. (a) Dalal Mott MacDonald, a part of MM Group of V.K. requires in-line experienced personnel in the disciplines of Chemical / Mechanical / Civil / Instrumentation / Electrical Engineering for executing major projects in Chennai city. Candidates must have minimum 3-5 years of experience in the relevant field and also completed projects. Write an application letter with your bio-data to HRD incharge, 25 Abdul Razak Road, Saidapet, Chennai-15, mentioning your discipline with all the relevant information.

Or

- (b) Write a letter to your cousin advising him/her to do a course in any one of the following foreign languages (German, French, Japanese) up to Diploma level together with the regular studies mentioning its importance and his/her employability chances with this additional qualification. (16)

13. (a) Write eight important instructions to check the global warming and its disastrous effects on living beings.

Or

- (b) You are the Managing Director of a software company. You are proceeding on a business trip abroad for two months. Write a checklist containing at least eight items to ensure the smooth functioning of the company in your absence. (16)

14. (a) You experience heavy water logging in various places of your city during rainy days and acute shortage of water during summer. Give eight recommendations to avoid both the situations and to save water for summer season.

Or

- (b) You are the Works Manager of an industrial plant with heavy machinery. One of the machines mal-functioned and three workers working nearby were injured. Write a report to the Managing Director of the company about the accident, giving him the details and the action taken and also suggest to him the ways by which recurrence of this type of accident can be averted. (16)
15. (a) Do you agree that development should not be at the cost of environment? Write out your opinions in about 200 words.

Or

- (b) Do you agree that technology is a double-edged sword, which is to be handled very carefully? Express your ideas on this in about 200 words. (16)
-