

**NED UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI**  
**FIRST YEAR (MECHANICAL/ MATERIALS ENGG./ COMPUTER SCIENCE**  
**AND INFORMATION TECHNOLOGY)**  
**ANNUAL EXAMINATION 2008**  
**BATCH 2007-08**

Time: 3 Hours

Dated: 08-10-2008  
Max. Marks: 75/80

ENGLISH - (HS-101/ 102)

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- Note:
- i) Attempt five questions in all.
  - ii) Q1 and Q7 are compulsory.

**Q1: Read the passage given below and answer the following questions?**

The Karachi nuclear plant has accumulated vast stocks of highly radioactive waste. In Karachi, high -level waste is currently stored above ground, and federal government has a clear policy on its disposal. While most experts believe that burying the waste is the safest method in the long term, the problem is finding sites that are geologically stable. Decaying radioactive substances is an exothermic process that releases heat. High-level waste must be constantly cooled; otherwise, it becomes dangerously hot. This is why many experts suggest storing waste above ground until it has decayed completely and is cool enough to be stored safely in sealed repositories several hundreds of meters below ground. According to one recent theory, however, waste should be lowered down boreholes drilled to 4 kilometers. The technique based to exploit heat generated by the waste to fuse the surrounding rocks and absorb any leaking radioactivity.

A. According to the passage, which of the following is true about safe disposal of radioactive waste? (03)/03

- i) This problem will soon be resolved.
- ii) It is a minor problem so it has not attracted enough attention.
- iii) It will be problem of great magnitude in future.
- iv) It is problem for each government.
- v) It has been satisfactorily dealt with by local authorities.

B. According to author, many experts believe that radioactive waste should not be stored under ground because of the fact that\_\_\_\_\_. (03)/04

- i) It cannot then be monitored.
- ii) The radioactive substances continue to generate substantial amounts of heat.
- iii) They require to be cooled when stored above ground.
- iv) The radioactive substance cannot be safely disposed of anywhere but need a specific site.
- v) The radioactive substance can be safely left to cool down underground in sealed repositories.



C. In the passage, the author describes a new method, still only a theoretical one, for the disposal of radioactive waste. Which of the following is the most closest to that method? (03)/04

- i) It uses bore holes so that all sites are suitable.
- ii) It is based on finding a site that must meet certain geological requirements.
- iii) It requires more time for cooling the waste.
- iv) In new method, the radioactive substances do not release heat.
- v) In new method heat can be used for other useful purposes.

D. According to the passage, the author is: (03)/04

- i) Against the nuclear plants.
- ii) In favor of safe use of the nuclear energy.
- iii) Against the development of the nuclear plants in populated areas like Karachi.
- iv) A naturalist and therefore is making arguments against heat pollution by nuclear wastes.
- v) In favor of using heat generated by nuclear waste for other productive purposes.

D. In the passage the term "High Level Waste" refers to which of the following statement? (03)/04

- i) The cost of the nuclear waste is high.
- ii) It should be disposed off above the ground.
- iii) The waste that causes high level problems.
- iv) The nuclear waste that is still radioactive.
- v) It is recyclable waste so it has high value.

F. According to the passage, the nuclear waste should be treated in an appropriate manner because. (03)/04

- i) It is costly.
- ii) It generates heat.
- iii) It is radioactive and can cause future problems.
- iv) It is of no use.
- v) It can be used by other country.

G. Give the passage suitable title? (01)

Q2 Write down an essay on any one topic? (12)

- i) Role of NGOs in Pakistan.
- ii) Excessive materialism leads to the death of morality. Discuss?
- iii) Career counselling – A dire need of the time.
- iv) Victimization of human race by Science & Technology, Comment?



Q3. Write down a memo of condolence to one of your employees whose son had been the victim of aerial firing? (12)

Q4. Write down a letter of complaint to the Chief Librarian of reference library (NED) regarding scarcity of urgently required books of all subjects which is impeding your exam preparation? (12)

Q5. Write down notes on any three topics: (12)

- i) Listening skills and its types
- ii) Study Skills
- iii) Usefulness of a dictionary
- iv) Reading Skills & Strategies

Q6. Do as directed:

A) Use any four idioms in your sentences bringing out their meaning: (08)

- i) In a nut shell.
- ii) Spill the beans.
- iii) To upset an applecart.
- iv) Kick the bucket.
- v) A square peg in a round hole.
- vi) Act of God.

B) Choose correct word to fill in the blanks: (04)

- i) I am starting a job in sales \_\_\_\_\_ I finish college.  
(Until, after)
- ii) I must go to the bank \_\_\_\_\_ it closes.  
(While, before)

Q7. (A) Fill in the gaps by choosing a correct word from the pair of words given in brackets? (10)

- i) The \_\_\_\_\_ in the dam posed a serious threat to the safety of the village. (breach, breech)
- ii) Tom was fired due to the \_\_\_\_\_ of his work. (baroness, barrenness)
- iii) There always seems to be a particular \_\_\_\_\_ to which many students want to belong (click, clique)
- iv) The \_\_\_\_\_ at the back of the farm is a heaven for many birds & small animals. (cops, copse)
- v) Association with the wrong people seemingly caused the \_\_\_\_\_ of innocent youth. (deprivation, depravation)

(B) Point out five linguist functions of 'Would'. Give two examples of each use? (10)