

B. E 2nd Semester Final Examination May 2012
Professional Communication in English :[Hu-1201]

[Br: Civil, Mechanical , Aerospace, Metallurgy, Mining]

Full marks : 35

Time : 2 Hrs.

1) Read the passage and choose the correct answer from the options given below: [5]

Science affects the average man and woman in two ways. He or she benefits by its applications, driving in a motorcar or omnibus instead of a horse-drawn vehicle, being treated for diseases by a doctor or surgeon rather than a witch, and being killed with an automatic pistol or a shell in place of a dagger or battle-axe. It also affects his or her opinions. Almost everyone believes that the earth is round, and the heavens nearly empty, instead of being solid. And we are beginning to believe in our animal ancestry and the possibility of vast improvements in human nature by biological methods.

1. A suitable title for the passage would be :
 - (a) Impact of Science
 - (b) Application of Science
 - (c) Science & Man
 - (d) Advantages of Science

2. Science has made man aware of :
 - (a) his animal instincts
 - (b) driving a motor car
 - (c) disadvantages of a dagger

3. Which of the following statements is incorrect in the context of the passage :
 - (a) Man has benefited from Science
 - (b) Diseases have been reduced by Science
 - (c) Man now uses guns to kill
 - (d) Science has changed man's life

4. The impact of Science has :
 - (a) Made us better killers
 - (b) Made us healthier
 - (c) Made us skeptical
 - (d) Made us look afresh at ourselves

5. Men & Women can be improved by :
- (a) Application of Science
 - (b) Biological methods
 - (c) Changing his beliefs
 - (d) Science in two ways

2. Write a précis of the following passage :

[7]

For all industrial development we need power, and the ultimate restriction on power is the fuel from which it is extracted. Is there enough fuel to satisfy our ever-growing hunger for power? For conventional fuels such as wood, coal, and oil, the answer is quite clearly 'No'. The world's known stock of oil is only sufficient to last sixty years at the present rate of consumption and the rate of consumption keeps going up and up. We are burning too much wood already, and the earth's known fuel-wood forests would be consumed soon. Coal is still in fair supply, but in some areas – notably England – it is becoming increasingly difficult to mine it, and therefore uneconomical.

Besides fuel as a source of power, there is the device for harnessing energy from rapidly flowing water. Few sources of water power remain untapped, and the power they yield meets only a fraction of our total need. Moreover, it is not very dependable, because water storing in reservoirs depends on rains, which are sometimes freakish.

Conventional fuels release energy by combustion, but fission makes use of another kind of fuel, remarkable for its concentration of power. All fissionable material is extracted or manufactured from two elements, uranium and thorium and the world has plentiful stock of them. But even so they will not last forever. There is probably enough to last for several centuries. Fission in the techniques known up till now converts only one-tenth of one per cent of its fuel into energy. Complete conversion of fissionable fuels into energy is known at present at laboratory level only. If it can be harnessed into a practical power device, one pound of fissionable fuel would be equivalent to three billion pounds of coal. Now the scientists' quest is to find out some more efficient process for using these fuels outside the laboratory on industrial scale. But after even fissionable material is gone, what then? There is no reason to despair. The sun is continually pouring solar energy on earth: we have only to gather and harness it. Those who think that man will one day be left without any source of power are not far-sighted enough.

3. After election the roads in your area are littered with pamphlets, cut-outs, disposable plates, cutlery and other kinds of wastes. As the Secretary of the Citizen's Forum of your area draft an **index** of a technical report with the **title page** to be sent to the Councillor of your ward. Give copies to the offices of various political parties urging them to join in the cleaning-up operation. Describe at least six annexures and work out two of them. [12]

4. Choose the correct word from brackets in each sentence:

[6]

- a) Her feet were (bare, bear)
- b) Will you (canvas, canvass) votes for me?
- c) What is the (cast, caste) of this play?
- d) Treat you elders with (deference, difference)
- e) His handwriting is (eligible, illegible)
- f) He is (adopt, adept) in photography.

5. Replace the words in italics with words chosen from the box below:

[5]

Reconciled revolted defected sympathized imitated illuminates prosecuted dethroned denounced deplored dethroned overcast rebelled
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- a) The troops *took up arms to fight* the government
- b) The sky was *darkened by clouds*
- c) They became *friends after they had quarreled.*
- d) They *spoke publicly against* him as a spy
- e) Trespassers will be *legally proceeded against*