

APRIL - 1990

034

B.Sc. (Nursing) DEGREE EXAMINATION FOR  
TRAINED NURSES, APRIL 1990.

Second Semester

ENGLISH

Time : Three hours.

Maximum : 75 marks

SECTION A

1. Write essays on the following topics :  
(2×10=20 marks)

(a) Joad's views on Modern Civilization.

Or

Lowell's observations of "Books and Libraries".

(b) Formative influences in Tagore's life.

Or

Nehru's explanation of India's foreign policy and her ideals.

2. Write essays on the following topics :  
(2×10=20 marks)

(a) The Blue Carbuncle.

Or

The Home Coming.

(b) Girl Bites Humorist.

Or

The Invisible Collection.

3. Annotate two of the following passages :  
(2×5=10 marks)

(a) It is easier for a camel to go through the eye of a needle, than for a rich man to enter into the Kingdom of God.

(b) Easy as this knowledge seems now, we owe it to the courage and insight of the first inventors of scientific method, and more especially Galileo.

(c) It was the result of the hypnotism exercised upon the minds of the younger generation by people who were loud of voice and strong of arm.

(d) We have a past to look back to and a future to look forward to, and it may be that some of the riddles of the future find their solution in the wisdom of the past.

SECTION B

4. Imagine yourself to be the Staff Nurse in charge of a Municipal Maternity Centre. Write a letter to the Municipal Commissioner requesting him for the proper upkeep of it.

Or

Write a letter to your father justifying your stand for joining the NSS in your college. (5 marks)

5. Rewrite the following as directed : (10 marks)

(a) There was ——— knock on ——— door.  
(Insert appropriate articles)

- (b) She is senior than me in the college.  
(Correct the sentence)
- (c) She did not introduce me to her mother.  
(Change the voice of the verb in the sentence)
- (d) Of all the tropical diseases, the most common is malarial fever.  
(Change into the positive degree of comparison)
- (e) He is always ——— a bad temper ——— break-fast time.  
(Fill in the blanks with suitable prepositions)
- (f) Mary is never unkind to her patients.  
(Rewrite the sentence in the affirmative)
- (g) "What you (do) between 9 : 00 and 10 : 00 a.m. yesterday ?" said my brother.  
(Use the correct tense of the verb given in the brackets)
- (h) The doctor said that the patient should go.  
(Rewrite in the direct speech)
- (i) She was not well and so she could not come to duty.  
(Change into a simple sentence)
- (j) Getting out of bed, the tile floor was so cold that Priya shivered all over.  
(Rearrange the words in the proper order)

6. Epitomize the following passage : (10 marks)

The contraction and relaxation of the heart is called the heart beat. The heart beat is myogenic, i.e. it is an inherent property of heart muscle, not dependent on the central nervous system. This has been demonstrated in various ways. For example, strips of cardiac muscle containing no nervous tissue will beat indefinitely when immersed in a solution of certain salts. It has also been shown that a chick embryo heart begins to beat before it is innervated.

Certain parts of the myocardium have the special function of controlling heart action. A small collection of these specialized cardiac muscle fibres, known as the sinu-atrial node, is found in the wall of the right atrium, near the entrance of the venae cavae. The sinu-atrial node acts as a pacemaker, initiating the phase of contraction and controlling its regularity. Another collection of specialized heart muscle, often referred to as the bundle of His, passes from the septal wall of the right atrium down the septum into both ventricles, transmitting to the ventricles the impulse from the atrium. Thus the rhythm of ventricular contraction is made to follow the rhythm of atrial contraction.

A complete heart beat lasts approximately 0.8 second. For about 0.4 second the heart is relaxed. This is known as the period of diastole. During the period of diastole, the atrio-ventricular valves are open and the arterial valves are closed. The heart therefore fills with blood at the same time as it expands from its previous contraction. Blood flows into the two atria and through the open atrio-ventricular valves into the two ventricles.

## NOVEMBER - 1990

034

B.Sc. DEGREE EXAMINATION IN NURSING FOR TRAINED  
NURSES, NOVEMBER 1990.

Second Semester

Paper I — ENGLISH

Time : Three hours.

Maximum : 75 marks.

1. Write essays on the following topics :

(2 × 10 = 20)

(a) (i) "Indian View of Life" as an analysis of  
Max Muller.

Or

(ii) Mahatma Gandhi's views on moral values.

(b) (i) Bertrand Russell's reformation of educa-  
tion.

Or

(ii) James Russell Lowell's comments on  
Books and Libraries.

2. Write essays on the following topics :

(2 × 10 = 20)

(a) (i) Girl bites Humorist.

Or

(ii) The New Accelerator.

(b) (i) The Lagoon.

Or

(ii) Jimmy Valentine.

3. Annotate two of the following passages :

(2 × 5 = 10)

(a) The impertinence of material things is extre-  
mely old. The revelation of spirit in man is truly modern :  
I am on its side, for I am modern.

(b) Almost any match would do ; presently some-  
body struck one and Europe blew up.

(c) That view is not based on wishful thinking,  
but on a deep consideration of the problems that afflict  
us all, and on its merits I venture to place it before you.

(d) The complete attainment of such an objective  
view is no doubt an ideal, indefinitely approachable, but  
not actually and fully realizable.

4. (a) Write a letter to the Medical Superintendent  
of the hospital for regular supply of medicines to your  
Intensive Care Unit.

Or

(b) Write a letter to your friend inviting her to the  
Hostel Day Function. (5 marks)

5. Rewrite the following as directed :

(a) The doctor appointed her monitor.

(Change the voice of the verb)

(b) Very few hospitals in Tamilnadu are as big as  
the General Hospital in Madras.

(Change into the comparative degree of  
comparison)

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- (c) I arrived ——— the ward ——— good time.  
(Fill in the blanks with suitable prepositions)
- (d) The condition of the patient is so bad that he would not recover.  
(Rewrite in the affirmative without changing the meaning).
- (e) "The child ——— (sleep) since 9 a.m.", said the nurse to the doctor.  
(Fill in the blank with the correct tense of the verb given in brackets)
- (f) Mala said that she would be twenty-five the following day.  
(Rewrite in the direct speech)
- (g) The doctor tried hard to save the patient but he did not succeed.  
(Change into a complex sentence)
- (h) He left the hospital where he had been staying in a car.  
(Improve the arrangement of words in the sentence).
- (i) Mary said it, isn't it?  
(Correct the sentence)
- (j) ——— races of man have poetry in their heart, and it is necessary for them to give, as far as is possible, ——— perfect expression to their sentiments.  
(Fill in the blanks with suitable articles)  
(10 marks)

6. Epitomize the following passage : (10 marks)

The electron microscope has shown that a space separates the end of an axon from the cell to which the impulse is transmitted. As the space presumably has the same electrical properties as the axon, the potential cannot cross the gap directly. Instead, when the nerve fibre ending is depolarized, a chemical substance is liberated from the vesicles at the end of the fibre. This substance crosses the gap and alters the permeability of the post-junctional cell membrane, thus initiating another potential.

There is a certain amount of experimental evidence to support the theory of chemical transmission, although much remains to be understood. One of the classical preparations for experiments in this field is the frog sartorius muscle, with its attached nerve. Accordingly, a great deal of the information available at present is related to transmission between efferent motor fibres and skeletal muscle.

When a microelectrode is placed between the nerve fibre and the muscle cell at the point of junction, it can be shown that the axon potential arrives at the junction about 0.8 m sec before the potential is set up in the post-junctional tissue. This break in electrical continuity points to some form of non-electrical transmission at the junction.

Other experiments indicate that the transmission is almost certainly by the chemical acetylcholine. For example, the addition of eserine to the frog muscle preparation inhibits the enzyme cholinesterase, which hydrolyses acetylcholine. If then the nerve fibre is artificially stimulated, an increasing amount of acetylcholine is released from the end of the fibre.

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B.Sc. (Nursing) DEGREE EXAMINATION,  
NOVEMBER 1991.

(For Trained Nurses)

Second Semester

Paper I — ENGLISH

Time : Three hours

Maximum : 75 marks

1. Write essays on the following questions :

(a) What are the points given by Nehru to achieve world peace ?

Or

How does Max Muller analyse Indian view of life ?

(b) What are the comments given by James Russell about "Books And Libraries" ?

Or

What is 'the place of science in a Liberal Education' according to Russell ? (2×10=20)

2. Write essays on the following topics :

(a) The Lagoon

Or

The Home Coming.

(b) The New Accelerator

Or

Jimmy Valentine.

(2×10=20)

3. Annotate TWO of the following passages :

(a) A single match will set a hayrick ablaze, and, with all this war material lying about, Europe was like a hayrick waiting for its match.

(b) And then to be told that the ability to read makes us all shareholders in the Bonanza Mine of Universal Intelligence !

(c) A life devoted to science is therefore a happy life, and its happiness is derived from the very best sources that are open to dwellers on this troubled and passionate planet.

(d) That you cannot serve God and Mammon is an economic truth of the highest value. We have to take our choice. (2×5=10)

4. Write a complaint letter to the Health Officer about the non-removal of rubbish and debris in your street.

Or

A letter to the Principal, School of Nursing, about the non-availability of life-saving drugs. (5)

5. Rewrite the following as directed :

(a) The nurse removed the artificial airway from his mouth.

(Change the voice of the verb)

(b) Dr. Bernard is one of the most eminent doctors in the world.

(Change into positive degree)

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(c) The amount of urine passed depends ——— the fluid intake and the needs ——— the body.

(Fill in the blanks with suitable prepositions)

(d) The dose is too heavy for him to survive.  
(Use so that ..... not)

(e) The nurse ——— (administer) drugs to the patient half an hour ago.

(Put correct tense of the verb given in the bracket)

(f) Simpson had discovered, "How can a patient be made unconscious during an operation?"

(Rewrite in the indirect speech).

(g) The doctor made great efforts yet he could not save the child.

(Change into simple sentence)

(h) A universe without change and devoid of beauty would be sterile and meaning.

(Improve the arrangement of words in the sentence)

(i) A boy who wastes his time at school misses ——— golden opportunity of ——— sound education.

(Fill in the blanks with suitable articles)

(j) The dog barks. It does not bite.

(Change into a complex sentence) (10)

6. Epitomize the following passage :

"The supreme value of human life and human blood has been forgotten", he said 'and human dignity too'.

In a firm voice, emphasizing each word, Mac Arthur went on :

'Force is not the solution for man's problems. Force on its own is nothing. It never has the last word. Perhaps you find it strange that I, a professional soldier, should say that to you'.

The chief architect of victory in the Pacific did not conceal his opinion that peace still lay far ahead in the future. When his glance turned towards the south could he still see the monstrous column of smoke which marked the final hecatomb of five years of war?

'Even with our present weapons', he went on, not including those still to be developed, a new war would leave nothing behind worthy of mention'.

And in even more precise terms he sketched the danger of death and destruction which still hung over the world.

'Too much has been destroyed in this war, and the physical exhaustion is too great, for there to be another war during the next twenty or twenty-five years. But what will happen after that? What will happen unless between now and then we do everything possible to save mankind from itself? (10)

## NOVEMBER - 1991

077A

B.Sc. (Nursing) DEGREE EXAMINATION, NOVEMBER 1991.

(For Trained Nurses)

(New Regulations)

First Semester

Paper IV — ENGLISH

Time : Two hours.

Maximum : 75 marks.

1. Answer any *two* questions :

(a) (i) What according to CEM Joad is real civilization?

*Or*

(ii) What explanations are given by Morris about carrying babies?

(b) (i) What are the main types of oil? How do we get petrol?

*Or*

(ii) Write about the contributions of Lister and Pasteur. (2 × 10 = 20)

2. Answer any *one* of the questions :

(a) Write a letter to the Nursing Superintendent requesting an exchange of duty for you over the weekend.

*Or*

(b) Write a letter to the Nursing Superintendent explaining the need for more nurses to your ward. (10)

3. Summarize the passage to one third of its length. Give a title and the number of words in your summary :

Following a trauma, adults go through a number of stages as they work toward "acceptance" of their disability. These include ; shock, denial anger/guilt, depression/grieving/mourning, and acceptance/adjustment (Collins-Moore, 1984). There has been no consistency found in the research that shows a relationship between ~~the~~ degree of disability and the success of adjustment. For adults, this process, while rarely smooth, is usually done only once for each disability. Children, however, rarely have the opportunity to go through all of these stages. They do go through some of the stages, but very differently. Their parents usually go through the process first ; however, it is rarely limited to only once.

Parents' expectations and grieving for their "wanted child" are not static. They grieve at each stage of development and are constantly disappointed. "If only my child didn't have ——— he or she would be able to do ———". These activities change as the child enters each new stage of development. New ages bring new expectations. The degree of the child's disability is not a factor. The process of grieving is the same. It must be considered, however, that all parents have expectations for their children ; even the most normal and brightest children often "disappoint" their parents because their goals differ.

Consider Jenny, a child born 2 years ago with no thumbs and deformed forearms. In infancy, her parents were most worried about whether or not she would be able to crawl ; in toddlerhood, they were hesitant about how much autonomy she would be able to develop. Now they worry about other children making fun of her in elementary school and how this disability will affect her fine motor skill development and her ability to



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"perform", and they worry about how difficult it will be for a teenage male to ask her out on a date. Perhaps the most important information we can give parents is to help them differentiate which behaviours of their child are related to the chronic condition and which are completely normal for a child of that age. (15)

4. Change into indirect speech :

- (a) She said, "I will buy the book next week".
  - (b) I told him, "I regularly attend the music classes in our school".
  - (c) He asked her "When will your friend be coming?"
  - (d) "Did your father know about your performance?" she asked me.
  - (e) "You must do it today" the teacher told us.
- (5 × 2 = 10)

5. Change the voice :

- (a) He should write this essay.
- (b) I have told her all the reasons.
- (c) We gave him a hearty welcome.
- (d) They are doing a good job.
- (e) The result was announced last month. (5 × 1 = 5)

6. Fill in the blanks with the proper tense of the verb :

- (a) He ——— me whenever he is in Madras. (visit)
- (b) For the past few years we ——— this. (expect)
- (c) The park ——— lovely in spring. (look)

(d) They ——— History when I opened the door. (read)

(e) She ——— a few minutes ago. (leave)

(5 × 1 = 5)

7. Rewrite as directed :

(a) My friend who has come from Bombay, likes our village atmosphere.

(into a simple sentence)

(b) I could not come for the picnic because I was not well.

(into a simple sentence)

(c) Shakespeare is well known for his plays.

(into a complex sentence)

(d) He is not tall but plays basket-ball very well.

(into a complex sentence)

(e) In spite of singing so well, she did not win the prize.

(into a compound sentence)

(f) She can dance very nicely.

(frame a yes/no question)

(g) Last summer we went to Simla.

(frame a question with a question word).

(h) She has given out her best.

(add a tag question)

(i) I met a engincer near our factory.

(correct the mistake)

(j) The tigers are ferocious animals.

(correct the mistake).

(10 × 1 = 10)



## NOVEMBER - 1993

[ PR 608 ]

B.Sc. (Nursing) DEGREE EXAMINATION.

(For Trained Nurses)

First Semester

(New Regulations)

Paper IV — ENGLISH

Time : Three hours.

Maximum : 75 marks.

Answer ALL questions.

1. Answer TWO questions : (2 × 10 = 20)

(a) (i) How do civilization and history go hand in hand according to C.E.M. Joad ?

Or

(ii) What are the salient points given by M.W. Thring to support the development of robots ?

(b) (i) How does G. C. Thornley bring out the various uses of oil and its history ?

Or

(ii) What does Horace want to tell through his lesson "Making Surgery Safe" ?

2. Write a letter : (10)

(a) To the medical officer requesting him to take necessary steps for the supply of important medicines to the patients.

Or

(b) To the Principal requesting him to grant you two days leave in connection with your brother's marriage.

[ PR 608 ]

3. Summarize the following passage in one-third of its original length : (15)

Perhaps Hippocrates was the first to adopt really sensible ways of treating the invalids. It will not be a tall talk to call him the "Father of Medicine". Under his able and strict guidance and supervision an academy to train doctors was set up in ancient Greece. His greatness is evident from the fact that his methods were lavishly copied and some of them are still followed inspite of tremendous advancement in the realms of medical knowledge.

He devised wonderful and scientific methods for treating broken bones and applying bandages. His methods are still in vogue with some change or no change here and there. He tried his utmost to tap all possible information about the condition of the patient. He even studied the patient's normal life and his family history. Moreover, he kept honest and careful record of the patient's progress from day to day. Perhaps he has been the first to initiate what is now called a "case history". Strangely enough he carried his uphill task without thermometer, without stethoscope and without magnifying glass. He worked under many handicaps. He laid stress upon diet and exercise as he believed nature is the best doctor.

His greatest contribution is that he made medicine an "art". Earlier doctors considered it a branch of philosophy. He taught that no treatment should be given unless it had been proved to give results by experiment. So he was a true scientist.

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4. Change into direct and indirect speech. (10)
- (a) The teacher asked the boys to open their books.
  - (b) He said that he had done his work.
  - (c) Hari asked Rajan if he had read the letter.
  - (d) He said to me, "Do not laugh at the poor".
  - (e) Simpson had discovered, "How can a patient be made unconscious during an operation" ?
5. Change the voice of the verbs in the following : (5)
- (a) By whom was the snake killed ?
  - (b) Do it quickly.
  - (c) Many poems have been written by Keats.
  - (d) The doctor did the operation successfully.
  - (e) The teacher taught the lessons well.
6. Fill in the blanks with the proper tense of the verbs : (5)
- (a) The surgeon ——— to the surgical ward daily (go)
  - (b) Today the medicine in India ——— the Ayurvedic, the unani, the European system and Homeopathy. (Comprise)
  - (c) The nurse ——— drugs to the patient half an hour ago. (administer)
  - (d) Columbus ——— America. (discover)
  - (e) He ——— in the post office for ten years since 1982. (work)

[ PR 608 ]

7. Rewrite as directed : (5)
- (a) He must work very hard, or he will not win the first prize. (into a simple sentence)
  - (b) In the event of his being late, he will be punished. (into a compound sentence)
  - (c) The lion was wounded but not killed. (into a complex sentence)
  - (d) Mani acted very well in the drama. (into a 'Yes' or 'No' question)
  - (e) The dam was built last year. (into a question with a 'WH' word)
8. Frame sentences using any FIVE of the following: (5)
- inoculate, operate, to cut, benign, vaccine, mortal, to measure, to insure, dreadful, biopsy.
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**B.Sc. (Nursing) Degree Examination**

**(For Trained Nurses)**

**First semester (New Regulation)**

**Paper IV: ENGLISH**

**Time: Three Hours**

**Max. Marks: 75**

**Answer All questions**

**I. (a)**

- (i) How, according to C.E.M. Joad history contributes to civilization?

**OR**

- (ii) Write an essay on G.C. Thornley's Oil.

**(b)**

- (i) Summarise the salient points given by M.W. Thring on the development of robots.

**OR**

- (ii) What are the suggestions Horace gives for Making Surgery safe?

(2x10= 20)

**2. Write a letter:**

- (a) To the nursing superintendent asking for better facilities in the hospital wards.

**OR**

- (b) To the Health Officer, Corporation of Madras about the non-removal of rubbish and debris in your area.

(10)

**3. Summarise the following passage in one-third of its original length.**

The Process of digestion begins when food is taken into the mouth. Chewing breaks the food into smaller pieces, thereby exposing more surfaces to the saliva. Saliva itself has a double function. It moistens the food, so facilitating swallowing, and it contains ptyalin, which begins the conversion of starch into simple sugars.

Although enzymatic action begins in the mouth, the major processes of digestion do not occur until the food passes down through the oesophagus into the stomach. The stomach has both a chemical and a physical function. The walls of the stomach, which are protected by a layer of mucus, secrete gastric juice composed of several enzymes and hydrochloric acid. The most powerful enzyme is pepsin, which begins the process of converting proteins into amino-acids. In addition, during these chemical reactions waves of contraction and relaxation, known as peristalsis, sweep the walls of the stomach.

They churn the food particles into a semi-solid mass known as chyme.

From the stomach, the chyme passes into the small intestine through the pyloric sphincter. Much undigested material is still present. Proteins have not been completely broken down, starches are still being converted into simple sugars, and fats remain in large globules. In the small intestine the process of digestion is completed by the action of bile, which is secreted by the liver and released by the gall bladder, and by the action of various enzymes, such as lipase and diastase, which are secreted by the pancreas, and erepsin and invertase, secreted by the walls of the small intestine. Foods which are still undigested pass on in a liquid state into the large intestine, and are now called faeces.

(15)

**4. Change into direct and indirect speech:**

- (a) He asked if I would have time to do it and I said that I would.  
(b) "Do you suppose you know better than your own father?" asked his angry mother.  
(c) He shouted to them to let him go.  
(d) "You have all done very well!" remarked the teacher.  
(e) The leader suggested that they should wait for the reward.

(10)

**5. Change the voice of the verbs in the following:**

- (a) Somebody has put out the light.  
(b) A ticket will be given to you by the manager.  
(c) He did not speak a word.  
(d) Promises should be kept.  
(e) The teacher was pleased with the boy's work.

(5)

**6. Fill in the blanks with the proper tense of the verbs:**

- (a) The doctor \_\_\_\_\_ that the patient should go (say)  
(b) I \_\_\_\_\_ in this office for ten years since 1992. (work)  
(c) He \_\_\_\_\_ when I came here (finish)  
(d) I wish my brother \_\_\_\_\_ here (are)  
(e) If he was guilty, his punishment \_\_\_\_\_ too light (is)

(5)

**7. Rewrite as directed:**

- (a) Ramesh was swimming in the river. I saw him.  
(combine these two sentences into a simple sentence)  
(b) On reaching the railway station, I found my purse missing.  
(Transform into a complex sentence)  
(c) She is senior than me in the school. (correct the sentence)  
(d) I have finished my work. (add a question tag)  
(e) The condition of the patient is so bad that he would not recover. ( Rewrite in the affirmative without changing the meaning) (5)

**8. Frame sentences using any FIVE of the following:**

- Mutilate, evolution, grab, prospecting, originate, condense, inflammation, mineral, to operate desperately.

(5)