K-3/2058

ENGLISH LITERARY SKILLS-II

Paper-321

(Semester-VI)

Time : Three Hours]   [Maximum Marks : 75

Note : All the questions are to be attempted.

SECTION-A

I.   (a)   What is the theme of Anton Tchekov's play *The Proposal*?

OR

Compare the characters of Mrs. Pearson and Mrs. Fitzgerald in the play Mother's Day.   (10)

(b)   Attempt any *five* of the following in about 50 words each :

(i)   Why is the sergeant eager to catch the escaped prisoner? (The Rising of the Moon)

(ii)   Who is Norah Brewster? (Waterloo)

(iii)   Why is Natalya eager to marry Lomov? (The Proposal)

(iv) Why does Mr. Spriggs want Augustus to pretend to be a rich man from Australia? (A Distant Relative)

(v) What does the Chaplain say about his job? (The New Hangman)

(vi) How did Bartley die? (Riders to the Sea)

(vii) How does the mother react when she comes to know the reality of the stranger? (Lithuania)

(viii) Why is Doris shocked when she comes home? (Mother's Day) (15)

II. Read the following passage and answer the questions below :

Lomov : It's cold .... I'm trembling all over, just as if I'd got an examination before me. The great thing is, I must have my mind made up. If I give myself time to think, to hesitate, to talk a lot, to look for an ideal, or for real love, then I'll never get married. It's cold! Natalya Stepanovna is an excellent housekeeper, not bad-looking, well-educated. What more do I want? But I'm getting a noise in my ears from excitement. [Drinks] And it's impossible for me not to marry. In the first place, I'm already 35 – a critical age, so to speak. In the second place, I ought to lead a quiet and regular life. I suffer from palpitations, I'm excitable and always getting awfully upset. At this very moment my lips are trembling, and there's a twitch in my right eyebrow. But the very worst of all is the way I sleep. I no sooner get into bed and beings to go off, when suddenly something in my left side gives a pull, and I can feel it in my shoulder and about a bit and lie down again, but as soon as I begin to get off to sleep there's another pull! And this may happen twenty times....

Questions :

(a) (i) What kind of man is Lomov?

(ii) Why did Lomov visit Chubukov's house?

(iii) Why is Lomov eager to marry?

(iv) What does Lomov think of Natalya?

(v) What disease is Lomov suffering from?

(b) Give the meanings of the following and use them in meaningful sentences :

(i) trembling.

(ii) hesitate.

(iii) excitement.

(iv) awfully.

(v) lunatic. (10)

SECTION-B

III. Write a paragraph on any *one* of the following topics :

(a) Advertising – Its Uses and Abuses.

(b) Value of Books.

(c) A Little Knowledge is a Dangerous Thing. (7½)

IV. Make a precis of the following passage and give a suitable title :

Habits of idleness once firmly fixed cannot be suddenly thrown off. The man who has wasted the precious hours of life's seed-time finds that he cannot really harvest in life's autumn. Lost wealth may be replaced by industry, lost knowledge by study, lost health by temperance or medicine but lost time is gone for ever. In the long list of excuses for the neglect of duty there is none which drops oftener from men's lips and which is founded more on self-delusion than the want of leisure. People are always cheating themselves with idea that they would do this or that desirable thing if only they had time. It is thus that the lazy and the selfish excuse themselves from the thousands of things which conscience dictates to be done. Remember that the men who have done the most for their own and for the general good are not the wealthy, leisurely people who have abundance of time to themselves and nothing to do. They are the men who are in ceaseless activity from January to December – men, however, pressed with business are always found capable of doing a little more. You may rely on them in their fullest season with ten times more assurance than an idle man. (7½)

SECTION–C

V. Do as directed and attempt any *ten* in each of the parts a, b, c, d and e :

(a) • Supply 'a', 'an', 'the' or 'some' where necessary :

(i) Please give me .... milk.

(ii) .... man eats .... meat.

• Add the missing possessives:

(iii) I saw a cousin of .... in the street this morning.

(iv) This doesn't look like .... book; it must be ....

• Remake the sentences, using 'too':

(v) It's very dark; I can't see anything.

(vi) It's very small; this is a big room.

• Add a question tag:

(vii) You have taken it.

(viii) They weren't angry.

• Put the verb into a suitable tense:

(ix) I (not see) you for more than a week.

(x) How long ago (you arrive) here?

• Change the following into the 'going to' form of the future:

    (xi) He will lend me the money.

    (xii) He will speak to us about it.   (3)

(b) • Supply 'if' or 'unless':

    (i) I shan't write to him .... he writes to me.

    (ii) .... you invited him, he would come.

    (iii) He will not learn much .... he works harder.

• Supply a suitable tense of the verb in brackets:

    (iv) It's high time you (have) a haircut.

    (v) If only I (know) earlier, I'd have sent you a telegram.

    (vi) I wish I (know) his name.

• Add the necessary question-tag:

    (vii) He has finished.

    (viii) He speaks English well.

    (ix) You will come.

• Add surprised, angry, truculent or sarcastic tags:

    (x) I want you to give me some more money.

    (xi) I'm very fond of expensive presents.

    (xii) You mustn't talk to me like that !   (3)

(c) • Rewrite the statements using a 'get-form':

    (i) She burned the pudding.

    (ii) A storm damaged the ship.

• Complete the sentences with 'do' or 'make':

    (iii) He .... a lot of business with us.

    (iv) They .... peace at last.

    (v) This is all I have. Will it .... ?

• Rewrite the sentences using 'else':

    (vi) There's no other thing to say.

    (vii) What other place can I go to?

• Rewrite the following using the infinitive :

    (viii) He hopes that he will know by tomorrow.

    (ix) She asked if she might leave the room.

• Rewrite the following using 'too' or 'enough':

    (x) His car is so big that Rita can't drive it.

    (xi) This coffee is so hot that I can't drink it.

    (xii) I'm so excited that I can't think.   (3)

(d) • Put the given word in brackets into the gerund form:

    (i) It has stopped (rain). I hate (go) out in the rain.

    (ii) I began (read) a book yesterday.

• Complete the sentences by using the -ing form of the given verbs:

(iii) They caught (he, open) your letters.

(iv) I've always liked (see) them (play) together.

• Put into the imaginary past:

(v) They are to arrive at seven o'clock.

(vi) I should like to lend you some books.

(vii) You ought to know better than to do that.

• Add the question word:

(viii) .... came in just now?

(ix) .... girl won the beauty competition?

(x) .... is wrong with the clock?

• Replace the underlined possessives by pronouns:

(xi) Our teacher won't like us coming late to school.

(xii) They insisted on me going again next week.

(3)

(e) • Add the missing relative:

(i) You can't write on the paper .... she make.

(ii) The boy .... threw that stone will be punished.

(iii) I'm looking for somebody .... I can trust.

• Add relative pronouns to the following:

(iv) Fear, ... is an evil, may lead to sin.

(v) Chess, ... is a very old game, is difficult to play.

(vi) Flies, ... come mostly in the summer, carry disease.

• Add relatives and use a contact clause wherever possible:

(vii) We ate some fish. They must have been very ancient.

(viii) The building is the Finance Ministry. I live opposite it.

(ix) The spoon was stolen from a hotel. He was eating with it.

• Combine the following sentences by means of non-defining relative pronouns:

(x) They are still working on the motorway. Its completion date was last May.

(xi) Helicopters can land near the centre of a large city. They do not need a long runaway.

(xii) The world was to be a great adventure for him. He knew very little about the world. (3)

VI. (a) Give one word substitutes for any *ten* of the following :

(i) An examination of a dead body.

(ii) Rising from the dead.

(iii) At home equally on land or in water.

(iv) A plant or animal growing on another.

(v) Incapable of being burnt.

(vi) That which cannot be conquered.

(vii) Goods brought into a country,

(viii) Unfit for human consumption.

(ix) An instrument for measuring gases.

(x) A soldier recently enlisted for service.

(xi) An instrument for seeing distant objects.

(xii) To enter a country as an enemy.

(xiii) Living on flesh.

(xiv) Speaking to oneself.

(xv) A short speech by a player at the end of a play. (5)

(b) Fill in the blanks with the appropriate part of speech of a word given in brackets. Attempt any *ten* of the following: -

(i) I'll try to do my job to the best of my .... (able)

(ii) She failed .... as an actor. (miserable)

(iii) The convict requested the judge to consider his case .... (sympathy)

(iv) It's getting very .... (cloud)

(v) The dog sat .... on the staircase waiting for his master. (gloom)

(vi) My grandmother is an .... lady. (age)

(vii) I .... got up and dressed. (hurried)

(viii) Only a small .... of students are interested in politics these days. (minor)

(ix) My father found my result very .... (disappoint)

(x) .... for us, the train was late, (lucky)

(xi) We should always speak the .... (true)

(xii) The King was known for his .... (wise)

(xiii) Don't play such .... pranks on me. (child)

(xiv) Our neighbours are very .... (quarrel)

(xv) I couldn't hide my .... to go back home. (eager) (5)

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E-COMMERCE

Paper–BCA–322

Semester–VI

Time Allowed : 3 Hours]   [Maximum Marks : 75

Note : The candidates are required to attempt **two** questions each from Sections A and B carrying 15 marks each and the entire Section C consisting of 5 short answer type questions carrying 3 marks each.

SECTION—A

1. (a) Compare and contrast E-Commerce and Traditional Commerce.   8

   (b) Why E-Commerce is very important in this new ape of information ?   7

2. (a) How the Electronic Commerce framework is laid for its effective usage ? Explain. 8

(b) What do you understand by Anatomy of E-Commerce applications ? Explain. 7

3. (a) How "World Wide Web as architecture" for doing Commerce" is utilized ? Explain in detail. 8

(b) Which are the benefits of Hypertext Publishing ? Explain. 7

4. (a) Define and explain the working principle of Consumer-Oriented E-Commerce with example. 8

(b) Explain any two Mercantile Process model along with their importance and limitations. 7

SECTION—B

5. (a) How the new age information based marketing is different from traditional ? Elaborate. 8

(b) Explain Passive Pull-based advertising models in detail. 7

6. (a) Explain On-line Marketing process through example also. 8

(b) Explain various types of Electronic Payment systems. 7

7. (a) How Credit-card based Electronic payment systems work ? Explain. 8

(b) Which are the various risks involved while using Electronic Payment systems ? Explain. 7

8. (a) What do you understand by Electronic Data Interchange ? Explain. 8

(b) Explain various Legal and other Public policy matters in context of E-Commerce. 7

SECTION—C

9. Attempt all and well explain the following : 5×3=15

    (i)   Ethical issues in E-Commerce.

    (ii)   Token Based Payment systems.

    (iii)   Smart Cards.

    (iv)   Web Security.

    (v)   Advertising.

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C-2058

ENGLISH LITERATURE (Module-I)
LITERARY MASTERPIECES : STUDY
OF THE CLASSICS-II
(Semester-VI)

Time : Three Hours] [Maximum Marks : 75

Note : Attempt all the questions.

UNIT-I & II

I. Bring out the principal traits of character of the heroine of the novel *Jane Eyre.*

OR

Do you think there is an autobiographical element in Charlotte Bronte's *Jane Eyre ?* 12

II. "*Gitanjali* is the spiritual autobiography of Tagore". Discuss.

OR

Write a summary of the song that appeals to you most in *Gitanjali.* 11

III. Delineate the character of Marie Cordona as presented by Albert Camus in *The Outsider*.

OR

What is the theme of *The Outsider* ? 11

IV. Write a character-sketch of Arun on the basis of your perusal of *Kanyadaan*.

OR

Discuss the theme of the play *Kanyadaan*. 11

UNIT–III

V. Answer any *fifteen* of the following questions in about 30-40 words each :

(i) Who is Mr. Rochester in the novel *Jane Eyre* ?

(ii) Name the charity institution where Jane Eyre was sent for her schooling.

(iii) Who is Mr. Brocklehurst in the novel *Jane Eyre* ?

(iv) Who is St. John Rivers in the novel *Jane Eyre* ?

(v) Who is Bessie Lee in the novel *Jane Eyre* ?

(vi) How many poems are collected together in the English *Gitanjali*.

(vii) Explain the meaning of the title *Gitanjali*.

(viii) When was *Gitanjali* first published in English ?

(ix) Is *Gitanjali* a spiritual autobiography of the poet or a material one ?

(x) What special prize was given to Tagore for his *Gitanjali* ?

(xi) Who is Meursault in the book *The Outsider* ?

(xii) Who is Raymond in *The Outsider* ?

(xiii) Where did Meursault live ? (*The Outsider*)

(xiv) Who is Salamano in *The Outsider* ?

(xv) Where did Meursault's mother live ? *The Outsider*

(xvi) Why does Jyoti decide in favour of inter-caste marriage ? (*Kanyadaan*)

(xvii) Why does Arun turn violent ? (*Kanyadaan*)

(xviii) What are Nath's views about evil ? (*Kanyadaan*)

(xix) Why does Arun hate Jyoti ? (*Kanyadaan*)

(xx) Why doesn't Jyoti complain to her parents about Arun's rough handedness ? (*Kanyadaan*)

(15×2=30)

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K-3/2058
OPERATING SYSTEM–323
(Semester–VI)

Time : Three Hours]   [Maximum Marks : 75

Note : Attempt *two* questions from section A and *two* questions from section B. Section C is compulsory.

SECTION–A

I.   (a) Define Operating System. Explain the services offered by an Operating System.   (8)

      (b) What do you understand by a process? Explain various types and states of processes.   (7)

II.   Write short note on the following :

      (a) Time Sharing operating systems.

      (b) Multi programmed operating system.

      (c) Real time operating system.

      (d) Batch processing operating system.   (15)

III. (a) Discuss the performance measurement criteria for CPU scheduling.   (7)

      (b) What is a thread? Differentiate between a process and a thread.   (8)

IV. What is scheduling? Explain various scheduling algorithms in detail. (15)

SECTION–B

V. (a) What are deadlocks? Explain main characteristics of deadlocks. (8)

(b) Discuss Banker's Algorithm for deadlock avoidance with suitable example. (7)

VI. (a) Discuss various page replacement algorithms. (8)

(b) What do you mean by demand paging? How it is implemented ? Explain in detail. (7)

VII. Explain in detail various contiguous memory allocation techniques. (15)

VIII. Explain in detail various disk scheduling algorithm with the help of an example. (15)

SECTION–C
(Compulsory Question)

IX. Answer the following :

(a) Compare linked and contiguous file allocation methods. (3)

(b) What are the needs of an operating system? (2)

(c) Differentiate between physical and logical address space. (2)

(d) What do you mean by thrashing? (2)

(e) What is virtual memory ? (2)

(f) What are system calls? Give example. (2)

(g) Discuss components of an operating system. (2)

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SOFTWARE ENGINEERING

Paper–BCA–324

Semester–VI

Time Allowed : 3 Hours]   [Maximum Marks : 75

Note : The candidates are required to attempt **two** questions each from Sections A and B carrying 15 marks each and the entire Section C consisting of 5 short answer type questions carrying 3 marks each.

SECTION—A

1. (a) How problem domain is specified in Software Engineering ? Also explain various Software Engineering challenges.   8

(b) Why Software Development process model is applied ? Explain any one model of your choice. 7

2. (a) Explain Project Management process with suitable example. 8

(b) How the Software Configuration Management Process is carried-out ? Explain in detail. 7

3. (a) Why Project Planning is required ? Explain its various activities in detail. 8

(b) Which are attributes that specify the quality of a Software ? Explain with examples also. 7

4. (a) Why Software requirement analysis is Carried-out ? Explain its various characteristics in detail. 8

(b) Explain Data Flow diagrams and ER diagrams with example. 7

SECTION—B

5. (a) What is structured design methodology ? Explain in detail. 8

(b) Define Metrics. Explain any two Software design metrics. 7

6. (a) Explain various Programming principle to be implemented to develop system code. 8

(b) Explain "Code inspections" and "Static analysis" techniques for Code-verification. 7

7. (a) Define Software testing. Also explain its various levels. 8

(b) Draw difference between Black Box and White Box testing in detail. 7

8. (a) What is Software maintenance ? Explain its various categories. 8

(b) Define Software reliability. Explain various uses of reliability studies. 7

SECTION—C

9. Explain the following :　　　　　　　　　　5×3=15

   (i)　　Software Design verification.

   (ii)　　Structure charts.

   (iii)　Validation of Requirement analysis.

   (iv)　Importance of Metrics.

   (v)　　Iterative Process model.

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K–2/2058

MANAGEMENT INFORMATION SYSTEMS

Paper–BCA–223

Semester–IV

Time Allowed : 3 Hours] [Maximum Marks : 75

Note : The candidates are required to attempt **two** questions each from Sections A and B **carrying** 15 marks each and the entire Section C consisting of 5 short answer type questions carrying 3 marks each.

SECTION—A

1. What are the components of MIS ? 15

2. What are the important dimensions of Information ? Briefly discuss each.   15

3. Discuss the general model of human as an Information processor.   15

4. What are the various levels of Management ? Differentiate among them with respect to different characteristics.   15

SECTION—B

5. Briefly discuss the Spiral model of System Development.   15

6. Differentiate between structured and unstructured decisions with examples.   15

7. What are the applications of information systems in Production Management.   15

8. What are the various tools and models for decision support ? Discuss in short.   15

SECTION—C

9. Answer the following questions in brief :   5×3=15

   (i)   Define MIS. What is the scope in MIS ?

   (ii) Define the term System and discuss its components.

   (iii) What is Tactical information ? What are its characteristics ?

   (iv) Briefly discuss Simon's model of decision making.

   (v)   What is DSS ? How is it different from MIS ?

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WEB DESIGNING USING ASP.NET

Paper–BCA–325

Semester–VI

Time Allowed : 3 Hours]   [Maximum Marks : 75

Note : The candidates are required to attempt **two**
questions each from Sections A and B carrying
15 marks each and the entire Section C
consisting of 5 short answer type questions
carrying 3 marks each.

SECTION—A

1. Discuss the features, advantages and disadvantages
    of .NET framework.   15

2. What are the different Data types available in C# ? Explain.   15

3. (a) What are the different methods of accepting user input ? Explain.   7½

   (b) What is the purpose of using place holder control ? Explain giving example.   7½

4. Discuss any four validation controls in detail.   15

SECTION—B

5. Discuss in detail the following :

   (a) Using a Calendar control.

   (b) Displaying advertisements.

   (c) Using a grid view control.   3×5=15

6. (a) Write the method of debugging ASP.NET pages.   7½

   (b) Write the method of deploying ASP.NET website.   7½

7. Write short notes on the following :

   (a) Data set

   (b) Data adapter

   (c) Data reader

   (d) Data view.

   (e) Data grid.   3×5=15

8. Define ADO.NET. How Database connections are made using ADO.NET ? Explain.   15

SECTION—C

9. Write short note on the following :   3×5=15

   (i) What do you mean by Common Type system ?

   (ii) What are the .NET namespaces ?

   (iii) How multiple files are uploaded ?

   (iv) How localization is done in ASP.NET pages ?

   (v) What do you mean by Managed providers ?