Reg. No. : $\qquad$
Name: $\qquad$
First Semester B.A./B.Sc./B.Com. Degree Examination, November 2019 First Degree Programme under CBCSS

## LANGUAGE COURSE - I

## EN 1111.1, EN 1111.2 \& EN 1111.3 : LANGUAGE SKILLS

(Common for B.A./B.Sc. (EN 1111.1), B.Com. (EN 1111.2) \& Career Related 2(a) (EN 1111.3))
(2019 Admission)

## Time : 3 Hours

I. Answer all questions, each in a word or a sentence.

1. Define vowel sounds.
2. Find two words that rhyme with the word "Make."
3. Identify the sounds underlined in the following words:
(i) rise
(ii) phone
4. What is a syllable?
5. Write the weak forms of 'and.'
6. Statements take a $\qquad$ tone.
7. Mark stress in the following words :
(i) moderation
(ii) about
8. Write two synonyms each for :
(i) agony
(ii) assist
9. What is plagiarism?
10. What is netiquette?
(10 x $1=10$ Marks)
II. Answer any eight, each in a short paragraph not exceeding 50 words :
11. Write a note on the importance of soft skills.
12. How does redundancy affect communication?
13. What is non-verbal communication?
14. What are diphthongs? Introduce the sounds with examples.
15. What is tonic syllable?
16. What is podcasting?
17. Why is anchoring considered to be a challenging job?
18. Write a paragraph on barriers to reading.
19. How can academic writing be made more effective?
20. Mention the etiquettes you need to follow while engaging in a telephone conversation.
21. How can you improve interpersonal skills through communication?
22. What is scanning?
III. Answer any six, each in a paragraph not exceeding 100 words :
23. Complete the conversation given below :

Renu:
Professor: Hi Renu,Good morning. You were not seen these days. What happened?

Renu:
Professor: Sorry to hear that. How are you now?
Renu:
Professor: That's great.
$\longrightarrow$ ?
Renu: Sir, I think I can finish everything this week.
Professor : Exams begin next month. The schedule will be published soon.
Renu :
Professor: Don't worry. Paper valuation will be liberal.

Renu: I have prepared almost well. But I need some extra lessons.

Professor: Of course. I'll be free after three.
Renu:
Professor: Ok. We'll meet tomorrow.
Renu:
24. You have applied for the post of Public Relations Officer in a Public Limited Company. The CEO of the firm conducts a telephone interview with you. Write at least ten exchanges between you and the CEO which were delivered during the interview process.
25. Write an anchoring script for the inaugural function of an international film festival.
26. Write a blog on the importance of technology in the field of education.
27. Write an email to your friend describing your first day at college.
28. Draft minutes of the NSS committee meeting held in the Seminar Hall of your college recently. Imagine you are the general secretary of the organization and the meeting was arranged in connection with the forthcoming "Say No to Drugs" campaign.
29. Being the General Captain, write a report of the Annual Sports Day Celebrations conducted in your college.
30. Edit the following passage :

Ethiopian Prime Minister Abiy Ahmed has won the 2019 Nobel Peace Prize on Friday for his peace-making efforts which ended two decades of hospitality with long-time emeny Eritrea. Through Africa's youngest leader still faced big challenges, he had in under two years in power begun political and economic reforms that promises a best life for many in impoverished Ethiopia and restored ties with Eritrea that had been froze for a 1998-2000 border war.
31. Write a script for a podcast on gender discrimination prevailing in India.
( $6 \times 4=24$ Marks)
IV. Answer any two each in about $\mathbf{3 0 0}$ hundred words :
32. Prepare a speech on the topic: Corruption in Public Life.
33. Write a telephone conversation between you and a reputed writer. You want him/her to address the students on the inauguration of English Association.
34. You saw the advertisement for the post of sub-editors in a leading daily and you like to apply for the same. You possess the required qualifications and experience. Prepare a covering letter and CV.
35. Write an essay on the ways and means to enhance English language skills among second language learners.

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\text { ( } 2 \times 15=30 \text { Marks })
$$

Reg. No. : $\qquad$
Name : $\qquad$

# First Semester B.A./B.Sc./B.Com. Degree Examination, November 2019 

 First Degree Programme Under CBCSSLanguage Course - I

## EN 1111.1, EN 1111.2 \& EN 1111.3 : LISTENING, SPEAKING AND READING

 (Common for B.A/B.Sc. (EN 1111.1), B.Com. (EN 1111.2) \& Career Related 2(a) (EN 1111.3))(2016 Admission to 2018 Admission)
Time: 3 Hours
Max. Marks : 80

1. Answer all questions, each in a word or sentence.
2. Write the IPA symbol for the last sound in the word Singing.
3. "The sun rises in the east". What intonation would be associated with this statement?
4. Given here is an incorrect transcription of the word Engineering. Correct the mistake and rewrite. / end3rni:rm/
5. Using the IPA symbols, provide an example for a long vowel.
6. Give at least three different spellings for the long vowel /i: /
7. Transcribe the word Author.
8. Give an expression that is commonly used while greeting a guest.
9. You bumped into someone while walking on the road. How would you apologise?
10. What is a blog?
11. Who is Mrs. Shorrocks?
II. Answer any eight, each in a short paragraph not exceeding 50 words.
12. Transcribe the following words: Creative, Tumbler, Laminate, Printed.
13. Write a short note one-mails.
14. Create a short exchange between a librarian and a student at the library.
15. Indicate the type of reading technique you'd employ while reading :
(a) Telephone Directory,
(b) Railway Time Table,
(c) Newspaper Report,
(d) Tabular Data
16. Identify the diphthongs in the following words: Loan, Bound, Manure, Coin.
17. List some techniques and practices to improve one's vocabulary.
18. What is intonation?
19. How did Jean and Pierre trick Marion and Gaultier?
20. How did Lady Muriel and Lady Grace react when the queen stopped them from accompanying her?
21. How does the spat between his daughters lead to Abel Merryweather discovering the truth?
22. If you were looking for a particular train in a train time table, would you be skimming or scanning a page? How are the two processes different?
23. Bring out the irony in the title of the play "The Dear Departed".
III. Answer any six, each in a paragraph not exceeding 100 words.
24. You are at a reputed garment store in the city. You have come to return some dresses that you've purchased previously because you are unhappy with them. Frame a dialogue between you and the customer service personnel.
25. How important are images and graphics in texts?
26. You are looking for hostel accommodation. Complete the dialogue between you and the hostel warden based on the dialogue cues.

| You | Hostel Warden |
| :--- | :--- |
| Enters the room, introduces | Greets and welcomes you |
| States purpose of visit, enquires about hostel <br> facilities, type of room etc | Responds, gives details about the <br> facilities and rooms |
| Asks about timings and rules | Gives details |
| Asks about hostel fees | Provides details |
| Thanks the warden | Asks to fill registration form before <br> leaving. |

26. You are Mayank and you've just missed a train. Complete the conversation with the station master :

Station master : Good afternoon. How can I help you?
Mayank
Station master : Oh! Where were you going?
Mayank
Station manager : Ah yes. That train left just a few minutes ago.
Mayank
Station master $\quad: \quad$ Let's see. The next train leaves at 17:15 from platform 2.
Mayank

Station master : No, there are no trains before that.
Mayank
Station master : No, you will have to take a new ticket. Your previous one was for a passenger train. This is an express train.

Mayank

Station master : That will be Rs. 48.

Mayank
Station master : Platform number 2. You can take the stairs to the left of this counter.

Mayank

Station master : Safe journey.
27. It is a holiday and you and your friend want to go for a movie. Construct a dialogue in which both of you discuss and decide on which movie to watch and why.
28. Read the poem and answer the questions below:

Sundays too my father got up early and put his clothes on in the blueblack cold,
then with cracked hands that ached from labor in the weekday weather made banked fires blaze. No one ever thanked him.

I'd wake and hear the cold splintering, breaking.
When the rooms were warm, he'd call, and slowly I would rise and dress, fearing the chronic angers of that house,

Speaking indifferently to him, who had driven out the cold and polished my good shoes as well.
What did I know, what did I know
of love's austere and lonely offices?
(a) What colour does the poet use to describe the cold?
(b) What days did the father get up to make the fire?
(c) Were the father's actions were appreciated? How can you tell?
(d) Provide an appropriate title for the poem.
29. Darton's expedition was a doomed expedition. Comment.
30. Write a short note on the different varieties of English.
31. Read the passage and answer the questions that follow :

Do you remember when you were twelve years old? It was a confusing time for me. When I was twelve, I had a very embarrassing situation. I went to the family barber, Mr. Willard, and he cut my hair very short. All my friends had long hair back then. That was the style. Mr. Willard didn't care much for style. I didn't want to be different, and I looked like a plucked chicken. I even missed a few days of school because of my embarrassment. My sister was amused. She told me not to be disappointed. After all, she said, the hair will grow back. Still, to me, it was very upsetting.

I learned a valuable lesson from this situation. Today, when I go to the barber, I always say exactly how I want my hair. I advise you to do the same. Speak to the barber before you sit down in that revolving chair. Explain exactly what you want. Watch carefully in the mirror as the barber cuts your hair. Don't be frightened to speak up. Barbers want their customers to be happy. They welcome your instructions.

I was probably too sensitive about my hair then. Now, at my age, I am just proud of the hair that I have. By the way, Mr. Willard no longer cuts my hair. He's retired. His daughter Wilhelmina, a hairstylist, runs the shop. She not only cuts my hair, but she I so styles the hair of my wife and children. No more plucked chickens.
(a) What happened to the writer when he was twelve?
(b) How is the writer different now?
(c) Why did the narrator miss a few days of school?
(d) The phrase plucked chicken impties?
IV. Answer any two in about 300 words:
32. Create conversations based on the prompts given:

- (a) You and your friend are planning to go out for dinner. Decide on where you want to go, giving reasons for choosing a particular restaurant.
(b) At the restaurant, choose items from the menu that both of you would like to order.
(c) Give your order to the waiter. The waiter will give his/her suggestions, based on which you will alter your choice of food.

33. Attempt the appreciation of the story "Under Fire".
34. The Organs of speech.
35. Transcribe the following words: speaker, coffee, cassette, climate, roller coaster, plantation, minority, hardbound, cellular, contrary, sty, leather, lather, pizza, application.

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(2 \times 15=30 \text { Marks })
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Reg. No. : $\qquad$
Name: $\qquad$
First Semester B.Com. Degree Examination, November 2019
First Degree Programme Under CBCSS
METHODOLOGY AND PERSPECTIVES OF BUSINESS EDUCATION
(Common for Foundation Course I-CO 1121/CX 1121/
TT 1121/HM 1121/CC 1121)
(2018 Admission onwards)
Time: 3 Hours
Max. Marks : 80

## SECTION A

Answer ALL questions in one word or to a maximum of two sentences each.

$$
\text { Each question carries } \mathbf{1} \text { mark. }
$$

1. What is focused reading?
2. What is symposium?
3. What is nonprofit business organization?
4. What is a trust?
5. What is limited partnership?
6. What is company limited by guarantee?
7. What is public company?
8. What is a primary sector?
9. What is meant by hospitality industry?
10. What is liberalization?

## SECTION B

Answer any EIGHT questions not exceeding one paragraph each.

Each question carries $\mathbf{2}$ marks.
11. Write about reading techniques used to gather business information.
12. Students are required to consider certain points while attending a lecture class. What are they?
13. What is a mixed economy?
14. What is MNC? What are its main features?
15. What is a joint venture? What are its advantages?
16. What are the benefits of joint Hindu family business?
17. What are the features of sole proprietorship?
18. What are the emerging areas of service sector?
19. What are the merits of globalization?
20. What is quality of work life?
21. What is the social responsibility of business towards society?
22. What is quality circle?

## SECTION C

Answer any SIX questions in about 120 words each. Each question carries 4 marks
23. What is the need of learning information by commerce students?
24. What are the main features of capitalism?
25. What are the advantages of cooperative organization?
26. What are the limitations of a company?
27. What are the steps to be followed to form a joint venture?
28. What are the main features of entrepreneur?
29. What are the characteristics of private sector enterprises?
30. Write a note on new economic policy of India.
31. Training helps an individual organization in different ways. What are they?

## SECTION D

Answer any TWO questions in not exceeding 4 pages each.

Each question carries 15 marks.
32. Define partnership organization. What are the advantages and disadvantages of partnership form of organization?
33. What are the steps required to establish a business? Explain.
34. What are the management problems faced by large organizations medium and small scale organization?
35. What is business ethics? Explain the concept, need and importance.

$$
\text { ( } 2 \times 15=30 \text { Marks) }
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Reg. No. : $\qquad$
Name : $\qquad$

First Semester B.Com. Degree Examination, November 2019 First Degree Programme Under CBCSS METHODOLOGY AND PERSPECTIVES OF BUSINESS EDUCATION (Common for Core Course I - CO 1141/CX 1141/TT 1141/HM 1141/CC 1141 (2014 Adm.) and Foundation Course I - CO 1121/CX 1121/TT 1121/HM 1121/CC 1121 (2015 Adm. to 2017 Admn.))

Time: 3 Hours
Max. Marks : 80

## SECTION - A

Answer all questions in one word to maximum of two sentences. Each question carries 1 mark.

1. What do you mean by managerialism?
2. What is money market?
3. Who is an intrapreneur?
4. What is NBFC?
5. What is Enterprise Resource Management?
6. Give two examples of intangible products.
7. Explain the term 'Business Information'.
8. What is case study?
9. What do you understand by Quality of work life?
10. What is socialism?
(10 $\times 1=10$ Marks $)$

## SECTION - B

Answer any eight questions, not exceeding one paragraph each. Each question carries 2 marks.
11. What do you understand by transnational corporations?
12. What is Quaternary sector?
13. Differentiate between economic growth and economic development.
14. State any two limitations of liberalisation.
15. Who is a savvy intrapreneur?
16. What are the legal factors that affect business environment?
17. Explain the term cost of capital.
18. What do you mean by return on investment?
19. What do you understand by direct tax?
20. What is B 2 B in e-commerce?
21. Explain the meaning of management information system.
22. What do you mean by human capital?

## SECTION - C

Answer any six questions, not exceeding 120 words each. Each question carries 4 marks.
23. Explain the features of capitalism.
24. Differentiate between equity shares and debentures.
25. What are the different types of loans granted by banks to business entities?
26. List out the benefits of joint ventures.
27. What are the parameters used to measure the economic development?
28. Explain the factors that affect quality of work life.
29. What do you mean by cues in the stock market?
30. 'Self-help through mutual help is the main principle of co-operation'. Explain.
31. What are the important functions of economic system?
( $6 \times 4=24$ Marks)
SECTION - D

Answer any two questions, not exceeding 4 pages each. Each question carries 15 marks.
32. What is business information? Explain different methods of collecting and learning business information.
33. What is environmental analysis? What are the factors to be considered for environmental analysis?
34. What do you mean by economic development? What are the measures of economic development?
35. Explain the term 'Economic system'. What are its functions?

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(2 \times 15=30 \text { Marks })
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Reg. No. : $\qquad$
Name: $\qquad$

# First Semester B.A./B.Sc./B.Com. Degree Examination, November 2019 Career Related First Degree Programme under CBCSS Language Course II <br>  (2018 Admission Onwards) 

Time: 3 Hours
Max. Marks : 80







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The man and writer in Kovilan are highly critical of the contemporary society and its dubious value system. Self-critically, he asserts that "Ours is a criminal society". His articles and speeches are cannons trained against the establishment. Neither age nor fame could dampen the fighting spirit of this old soldier.
( $6 \times 4=24$ Marks )











Reg. No. :
Name: $\qquad$

First Semester B.Com. Degree Examination, November 2019 Career Related First Degree Programme Under CBCSS 2(a) - COMMERCE AND TAX PROCEDURE AND PRACTICE

Vocational Course I: CX 1171
PRINCIPLES OF TAXATION
(2018 Admission Onwards)
Time : 3 Hours
Max. Marks : 80
SECTION - A

Answer all questions in one word to maximum two sentences. Each question carries 1 mark.

1. What is tax revenue?
2. Explain the term fee.
3. What is GST?
4. Who is an assessee in default?
5. What is Total Income?
6. Give two examples of Casual Income.
7. State entry No. 84.
8. What is concurrent list?
9. Explain cascading effects of tax.
10. Define person.

$$
\text { (10 } \times 1 \text { = } 10 \text { Marks) }
$$

## SECTION - B

Answer any eight questions not exceeding one paragraph. Each question carries 2 marks.
11. Explain tax
12. What are the sources of public revenue?
13. How to compute Gross Total Income?
14. Explain Indirect tax with examples.
15. What are the objectives of GST?
16. Define assessee.
17. What is customs duty?
18. Define Income.
19. What is Capital profit?
20. Distinguish between capital receipt and revenue receipt.
21. What do you mean by Previous year?
22. Explain the rate applicable to Senior Citizen.

## SECTION - C

Answer any six questions not exceeding 120 words. Each question carries $\mathbf{4}$ marks.
23. How progressive taxes differ from regressive tax?
24. Explain the taxation system during Mughal period.
25. Distinguish between tax revenue and non-tax revenue.
26. State the effects of taxation on production.
27. What are the provisions related to distribution of revenue?
28. Explain the advantages of VAT.
29. What is GST Model?
30. Explain the features of Tax.
31. Explain the relevance of state List.

$$
\text { ( } 6 \times 4=24 \text { Marks })
$$

## SECTION - D

Answer any two questions not exceeding $\mathbf{4}$ pages. Each question carries 15 marks.
32. What is accelerated assessment? Explain the situation where this applies.
33. Mention the important factors that determine the taxable capacity.
34. Explain Indirect tax and its positives and negatives.
35. Explain the provisions related distribution of revenue.

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(2 \times 15=30 \text { Marks })
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Reg. No. : $\qquad$
Name : $\qquad$

First Semester B.Com. Degree Examination, November 2019
Career Related First Degree Programme under CBCSS Language Course : HINDI Additional Language

## HN 1111.4 - SHORT STORY AND TRANSLATION <br> (2017 Admission Onwards)

## Time : 3 Hours

1. प्रत्येक प्रश्न का उत्तर एक शबब्द या एक वाक्य में लिखिए :-
2. जयशंकर प्रसाद का जन्म कब और कहाँ हुआ?
3. 'उमस' कहानी की केन्द्रीय समस्या क्या है?
4. एक पत्नी के नोट्स्स किसकी रचना है?
5. प्रेमचन्द की पहली हिन्दी कहानी का नाम क्या है ?
6. अछ्छूतों की समस्या पर लिखी हुईं प्रेमचन्द की एक रचना का नाम लिखिए।
7. Advocate का हिन्दी समानार्थ श़ब्द लिखिए।
8. बिसाती कहानी का केन्द्रीय विषय क्या है?
9. Ministry of Defence हिन्दी समानार्थ शब्द लिखिए।
10. स्रोत भाषा किसे कहते हैं?
11. उसकी क्रिकेट में रुचि नहीं है - का अंग्रेजी अनुवाद लिखिए।
12. किन्हीं आठ प्रश्नों के उत्त्तर लिखिए :
13. उमस का अर्थ क्या है?
14. 'यही सच है' - कहानी के प्रमुख चार पात्रों के नाम बताइए।
15. गंगी ने जोखू को पानी पीने क्यों नहीं दिया?
16. शीरीं और बिसाती के बीच का संबंद क्या है?
17. 'यही सच है' कहानी के द्वारा लिखिका क्या कहना चाहती है?
18. 'बिसाती' कहानी में बिंसाती को सूच्रित करने के लिए किस पंछी का नाम लिया गया है?
19. गंगी ताज़ा पानी क्यों नहीं ला पायी?
20. संजय कैसा आदमी है?
21. अनुवाद के कितने चरण हैं? वे क्या क्या हैं?
22. निम्नलिखित शब्दों का हिन्दी समानार्थी शब्द लिखिए।
(a) Law Commission.
(b) Ministry of Commerce.
23. निम्नलिखित वाक्यांशों का अंग्रेजी अनुवाद लिखिए।
(a) पदेन
(b) अग्रेषित एवं संस्तुत
24. अनुवादक को अनिवार्य रूप से कितनी भाषाओं की जानकारी चाहिए।
III. किन्हीं छह प्रश्नों के उत्तर 120 शब्दों में लिखिए :
25. 'ठाकुर का कुआँ' कहानी में चित्रित दलितों की हालत का चित्रण कीजिए।
26. 'यही सच है' कहानी के आधार पर दीपा के चरित्र चित्रण कीजिए।
27. राणी और पवन के बीच बहस का विष्य क्या है?
28. बिसाती पैसे न लेने का क्या कारण बंताता है?
29. निशीथ का चरित्र चित्रण कीजिए।

## हिन्दी से अंग्रेज़ी में एक और अंग्रेज़ी से हिन्दी में एक खण्ड का अनुवाद करना अनिवार्य है।

28. लाहौल और स्पीति हिमाचल प्रदेश के सबसे बडे जिले हैं। यह ऊँचे पर्वतों का विसाल क्षेत्र है। यह एक संकरी घाटी है जिसकें उत्तर में लदाख और तिब्बत पूर्व में किन्नौर और दक्षिण में कुल्लू घाटी है। लाहौल की लगभग आधी जनसंख्या बौद्ध है, जबकि शेष आधी हिन्दू लाहौल के मन्दिरो और घरों में दोनों धर्मों की मूर्तियाँ साथ-साथ देखी जा सकती है। इस क्षेत्र की मुख्य भाषा भोटी है, जो तिब्बती से मिलती है।
29. भारत की सारी नदियाँ पश्चिम से पूर्व या पूर्व से पश्चिम की ओर ही बहती है। उत्तर से दक्षिण या दक्षिण से उत्तर की ओर एक भी नहीं.... क्यों? क्यों नहीं बहतीं? और पूर्व से पश्चिम की ओर बहने वाली नदी से एक अन्य नदी विपरीत दिशा की ओर बहती है - सिन्धु और ब्रहमपुत्र उदाहरण हैं। 'नदियाँ विभाजक रेखा हैं और प्रकृति को हमारा विभाजन स्वीकार नहीं है। हमारी नदियाँ विभाजक रेखा होते हुए भी कहीं न कहीं हमें बाँधती हैं - स्नान पर्व हमें जोडती हैं..... या अदृश्य सूत्र है जो कन्याकुमारी और परशुराम कुण्ड को एक किए हुए हैं। प्रकृति नें हैमें एक बनाया है। एक अनिवार्य अविछिन्न इकाई एकता की नींव पर ही हमारे राष्ट्र की भित्ति सुदृढ होगी।
30. A poor man was put in jail although he had done no wrong. After a long time the king of the state visited the jail and the man told him that he was an innocent man against whom a case had been made up by his enemies. The king when found this to be true give the man a sum of money and set him free. The man went straight to the market in which there was a shop where Bubuls and other birds were kept in cages for sale. He said to the shopkeeper I wish to buy all the cages with birds that you have the shopkeeper bike why are you going to start a sort of Secret Garden the man answered "No the birds have been unjustly prisoned. I'm going to set them free. And he did so.
31. It is true to say that service to man is service to God. Rabindranath Tagore in his poem 'Leave this chanting' says that God could be found with the hard working people. He suggests that service to the masses is the service to God. All the saints and religious teachers have stressed the importance of serving humanity. If we lend a helping hand to a person in need, if we bring comfort to a troubled mind if we wipeout tears from a poor man's eye we certainly serve God through our selfless acts. It is said that God loves those who love their fellow beings. So the best way to serve God is to serve humanity.
N. किन्हीं दो प्रश्नों के उत्तर 250 शब्दों में लिखिए :
32. 'ठाकुर का कुआँ' के माध्यम से उस युग के सामाजिक कुरीतियों से लेखक की लडाई का संक्षिप्त चित्रण कीजिए।
33. 'यही सच है' कहानी में चित्रित सच्चे प्रेम पर प्रकाश डालिए।
34. 'उमस' कहानी के आधार पर नारी की ओर समाज से होनेवाले अत्याचार और दमन पर प्रकाश डालिए।
35. 'बिसाती' कहानी में ग्रेम और प्रकृति का कैसा सुन्दर चित्रण किया गया है?
( $2 \times 15=30$ Marks )

Reg. No. : $\qquad$
Name : $\qquad$
First Semester B.Com. Degree Examination, November 2019
First Degree Programme Under CBCSS
ENVIRONMENTAL STUDIES
(Common for Foundation Course I - CO 1121/CX 1121/TT 1121/HM 1121 (2014 Admission), CC 1121 (2014 Admission), Core Course I - CO 1141/ CX 1141/TT 1141/HM 1141/CC 1141 (2015 Admission to 2017 Admission) and Core Course I - CO 1141/CX 1141/TT 1141/HM 1141 (2018 Admission onwards)/Core Course II - CC 1142 (2018 Admission Onwards))

Time: 3 Hours
Max. Marks : 80

## SECTION A

Answer ALL questions in one or two sentences.

## Each question carries 1 mark.

Explain the following :

1. Photo chemical smog
2. Secondary production
3. Value education
4. Biodiversity register
5. Detritus food chain
6. Incineration
7. Edaphic factors
8. Gamma diversity
9. Epilimnion
10. Endemism.
(10 $\times 1=10$ Marks)

## SECTION B

Answer any Eight questions not exceeding in a paragraph.

Each question carries 2 marks.
11. Briefly explain any two forest types of Kerala.
12. Explain food web citing an example.
13. Briefly explain sustainable development.
14. India is a megadiversity nation - explain.
15. Briefly explain pyramid of energy.
16. Explain sanitary land fill.
17. Explain trophic levels in a grassland ecosystem.
18. Add a note on the mineral resources of Kerala.
19. List out any two biodiversity hotspots of India.
20. Define ecological succession with an example.
21. Explain ecosystem diversity.
22. Write down the salient features of Shola forest.

## SECTION C

Answer any Six questions not exceeding 120 words each.
Each question carries 4 marks.
23. Write a note on the measures undertaken for Women and Child welfare in India.
24. Explain the trends in population explosion in India.
25. Write a note on recent trends in consumerism and resultant waste production.
26. Explain energy flow in an ecosystem.
27. Write a note on the role of individuals in the conservation of natural resources.
28. Write a note on cleaner technologies.
29. Explain various methods of rain water harvesting.
30. List out various methods of solid waste management.
31. Briefly explain the causes and consequences of thermal pollution.

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\text { ( } 6 \times 4=24 \text { Marks })
$$

## SECTION D

Answer any TWO questions. Each question carries 15 marks.
32. Write an essay on various threats to Biodiversity.
33. Briefly explain the causes, effects and control measures of noise pollution.
34. What are natural resources? How are they classified? Comment on the consequences of their over exploitation.
35. Explain various exsitu methods of Biodiversity conservation.

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(2 \times 15=30 \text { Marks })
$$

