BEGE-104

Bachelor's Degree Programme(BDP)

ASSIGNMENT (For July 2024 and January 2025 Sessions)

ELECTIVE COURSE IN ENGLISH (BEGE-104) English for Business Communication



School of Humanities Indira Gandhi National Open University Maidan Garhi, New Delhi-110 068

Elective Course in English English for Business Communication (BEGE-104) Programme: BDP Course Code: BEGE-104/2024-25

Dear Student

You will have one assignment for the Elective Course in English BEGE-104 English for Business Communication, which will be a Tutor Marked Assignment (TMA) and will carry 100 marks.

Aims: This assignment is concerned mainly with assessing your application and your understanding of the course material. You are not required to reproduce chunks of information from the course material but to use the skills of critical appreciation that you may have acquired during the course of study. This assignment aims to teach as well as to assess your performance.

Instructions:

Before attempting the questions please read the following instructions carefully.

- 1. Read the detailed instructions about the assignments given in the Programme Guide for Elective Courses.
- 2. Write your Enrolment Number, Name, Full Address and Date on the top right corner of the first page of your response sheet(s).
- 3. Write the Course Title, Assignment Number and the Name of the Study Centre you are attached to in the centre of the first page of your response sheet(s).

The top of the first page of your response sheet should look like this:

	ENROLMENT NO.
	NAME:
COURSE TITLE:	ADDRESS:
ASSIGNMENT NO: DATE:	

- 4. Use only A4 size paper for your response and tag all the pages carefully.
- 5. Write the relevant question number with each answer.
- 6. You should write in your own handwriting.
- 7. **Submission:** The completed assignment should be sent to the Coordinator of the Study Centre allotted to you by 30th Sept, 2024 (if enrolled for the July 2024 Session) and 31st March 2025 (if enrolled in the January 2025 Session)
- 8. Please read the instructions given in your Programme Guide.

Now read the following guidelines carefully before answering questions.

GUIDELINES FOR TMAS

You will find it useful to keep the following points in mind:

- 1. **Planning**: Read the questions carefully. Go through the units on which they are based. Make some points regarding each question and then rearrange these in a logical order. And please write the answers in your own words. Do not reproduce passages from the units.
- 2. **Organisation**: Be a little more selective and analytic before drawing up a rough outline of your answer. In an essay-type question, give adequate attention to your introduction and conclusion. The introduction must offer your brief interpretation of the question and how you propose to develop it. The conclusion must summarise your response to the question. In the course of your answer, you may like to make references to other texts or critics as this will add some depth to your analysis.

Make sure that your answer:

- (a) is logical and coherent;
- (b) has clear connections between sentences and paragraphs;
- (c) is written correctly giving adequate consideration to your expression, style and presentation;
- (d) does not exceed the number of words indicated in your question.
- 3. **Presentation:** Once you are satisfied with your answers, you can write down the final version for submission, writing each answer neatly and underlining the points you wish to emphasize.

You may be aware that you need to submit your assignments before you can appear for the Term End Exams. Please remember to keep a copy of your completed assignment, just in case the one you submitted is lost in transit.

Good luck with your work!

BEGE-104 English for Business Communication Assignment 2024-25

Course Code: BEGE-104/2024-25 Max. Marks: 100 Attempt all the questions. 1. The student council in your college is organising a blood donation camp in the campus. As the president of the council, write a notice for the college notice board giving the necessary information in about 100 words. 10 2. Complete the sentences with the correct participle forms of the verbs. Choose from the list given below. 10 cook, write, prefer, move, travel, buy, rise, make, sing, spend a. The delicious smell coming from the kitchen is making me very hungry. What is being a novel. It will be published next year. c. In this locality, people _____ to walk in the evening. d. They were trying to board a _____ train. e. Shikha has spent many years _____ around the world. f. When he was a toddler, his mother a house. g. The water level _____ and it will soon reach the island. h. Mariam many plans but I think only one will work. i. Leena _____ since 2004. j. We 5000 rupees on books this month already. 3. Your mobile phone is broken. Write a dialogue between you and a mobile phone technician for the purpose of repairing your phone. 10 10 4. Make a telephone conversation for **any one** of the situations given below: a. Your uncle is visiting you. Your father has asked you to call your uncle and ask whether he has arrived or not. b. You are working at a restaurant. Receive a call from a customer for home delivery of food. 5. Rewrite the following sentences using the passive form. First one is done for you as an example. 5

a. We will prepare the report in the meeting.

They wrote the report in a terrible hurry. The report was written in a terrible hurry.

b. Someone sold the car to me.

c. d.	The committee called on Suresh to explain the modified presentation. All his friends supported his plans.
	You should note down all the points discussed in the meeting.
6. Con	replete these words or expressions using the words below.
Across	s, out, over, up, above.
a. b. c. d. e.	The mountains stand the clouds He looked from his book when I entered the room. I ran of milk, so I needed to go to the store. The bridge goes the river. The cat jumped the table.
7. Wri	te short notes on any two of the following:
ii. Esse iii. Boo	ail etiquette entials of a business letter dy language tures of a Memo
	ne following memo the linking words and phrases are missed out. Choose the most appropriate or phrase from the ones given.
While, Namel	, Also, Therefore, In addition to, Otherwise, Furthermore, At first, In conclusion, ly
Memo	from: Marketing Manager
To: Sa	les Team
Date: 1	15th February 2024
This matarget a purcha (ii) brand a creatin (iv) demog partner	conth we're launching a new product line aimed at a younger demographic (i) the audience is familiar with our brand, they may not be aware of these specific products. Their using habits also differ, relying heavily on online reviews and social media recommendations, it's crucial to develop a targeted marketing campaign to generate excitement and awareness. (iii) a limited television advertising budget, we should focus on a gengaging social media content that resonates with this younger audience, influencer partnerships can be particularly effective in reaching this graphic. They trust the recommendations of individuals they follow online, and these reships can create a sense of authenticity and excitement. We can also leverage user-generated t challenges and interactive polls to build anticipation for the launch. This allows potential

customers to engage with the product and brand in a fun and interactive way.

(v), this targeted marketing campaign will leverage social media and influencer partnerships to create excitement and brand awareness for the new product line amongst our young demographic.	
9. Write a note on language and style of minutes of formal meetings.	10
10. Change the words in bold into direct speech.	10
During our interview with Sarita Jain, a candidate for the Software Engineer position, we discussed her technical skills and experience. (a) She mentioned that she had a strong background in programming languages like Java and Python, (b) and she highlighted her experience working on various web application development projects. (c) When asked about her problem-solving approach, she said that (d) she preferred a collaborative approach, working with teammates to brainstorm solutions, (e) and she emphasized her ability to think critically and break down complex problems.	g
11. Complete the sentences with suitable phrasal verbs:	10
put off, ran into, catch up, set off, sign up for, turn up, hand in, run out of, look after, turn down.	
a) I need to on some work I missed while I was on vacation. b) We an old friend at the coffee shop yesterday. c) We may have to his request. d) The train on time at 8:00 am. e) Due to bad weather, we had to our trip for a few days. f) We the online course last week and it starts tomorrow. g) Please your assignment before the deadline. h) Who is going to your mother? i) We might milk before the grocery delivery arrives. j) Did everyone for the meeting this morning?	

BSHF-101

Bachelor's Degree Programme (BDP)

ASSIGNMENT

For 2024-2025

Course Code: BSHF-101

Foundation Course in Humanities and Social Sciences



SCHOOL OF SOCIAL SCIENCES INDIRA GANDHI NATIONAL OPEN UNIVERSITY MAIDAN GARHI NEW DELHI-110068

Assignment 2023-2024

Programme Code: BDP Course Code: BSHF-101

Dear Student,

As explained in the Programme Guide for BDP, you will have to do 1 Tutor Marked (TMA) assignment for this course. Before attempting the assignment, please read the instructions provided in the Programme Guide.

Assignment Nos.	Date of Submission	Where to send
Assignment-1 (TMA) For July 2023 Session Students	31 st March 2025	The Coordinator of your Study Centre
Assignment-1 (TMA) For January 2024 Session Students	30 th September 2025	The Coordinator of your Study Centre

Now read the following guidelines carefully before answering the questions:

GUIDELINES FOR WRITING THE ASSIGNMENT

In writing the assignment keeps the following things in mind: Social Science/History writing of any kind involves (a) Planning (b) Selection (c) Presentation and (d) Interpretation.

a) Planning :

Think out what you are asked carefully. Go through the units and in case you want any additional material, try to locate it in the Library.

See whether the question is of (i) 500 words, (ii) 250 words or (iii) 100 words. For the first and second it may be necessary to write a description with a comment. For the third YOU have to pick out the necessary facts and arrange them precisely.

b) Selection

This means picking out from your material the matter important for answering your question:

For this:

:

- i) Take notes of the relevant material.
- ii) Look them over carefully. Delete information not directly relevant to the question.

iii) Prepare a first draft. This will help you in getting a clear idea of what information you want to put down and what you want to leave out. This will also help in giving your plan a practical shape.

c) Presentation:

Prepare now a second draft. This is important for putting down your ideas in a sharp and clear manner. With this you will get an idea as to how you will be able to state what you want to say within the word limits.

Prepare a third or a final draft to check out whether you have put down all you wanted to say. Read to check whether your answer is within the word limits.

d) Interpretation:

Interpretation is a constant process in history writing. It is already reflected in your planning and selection. Explanatory comments with phrases like may be, because, could be, etc., immediately introduce an element of interpretation in writing itself. Here you have to be careful that these comments can be supported by the material you have in the answer.

Note: In case you run short of time you should

- i) prepare a rough draft, check that you haven't left anything out, and
- ii) go on to write the final draft.

Now, we believe you are ready to answer the questions.

Foundation Course in Humanities and Social Sciences TMA

Course Code: BSHF-101

Assignment Code: BSHF-101/AST/TMA/2024-25

Total Marks: 100

Note: All questions are	compulsory. Marks	are indicated	against each	question.
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DCQ: Answer	any	two	in	about	500	words	each.
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1. Did post industrial society move only towards the service sector? Discuss.	20
2. Discuss the differences between Fundamental Rights and Directive Principles enshrined in our Constitution.	20
3. How has the nature of peace and conflict changed in the current phase of globalisation?	20
4. What do you understand by the term 'human security'? Discuss.	20
MCQ: Answer any four questions in about 250 words each.	
5. What do you understand by the term 'Preamble'in the Indian Constitution? Discuss.	12
6. What do you understand by the term 'reformation'? Discuss.	12
7. What do you understand by the term social change?	12
8. How has globalisation affected the Indian economy? Discuss.	12
9. Discuss the nature of bharatnatyam as an art form.	12
10. Who are the Scheduled Tribes?	12
11. What was the contribution of Gandhiji to freedom movement of our country? Briefly discuss.	12
12. Briefly comment on the evolution of human being as a thinking animal.	12
SCQ: Write short notes on any two in about 100 words each:	6+6
13. (i) The Bronze Age (ii) Denotified Tribes (iii) Family as an institution (iv) The first Five Year Plan	

Bachelor of Commerce with Major in Account & Finance [B.Com (A & F)]

ASSIGNMENT 2024-2025

Collaborative Programme (ICAI)

ECO-13: Business Environment

AED-01: Export Procedures and Documentation

For July 2024 and January 2025 Admission Cycle



School of Management Studies Indira Gandhi National Open University Maidan Garhi, New Delhi -110 068



ASSIGNMENT- 2024-25

Dear Students,

As explained in the Programme Guide, you have to do one Tutor Marked Assignment in this Course.

Assignment is given 30% weightage in the final assessment. To be eligible to appear in the Termend examination, it is compulsory for you to submit the assignment as per the schedule. Before attempting the assignments, you should carefully read the instructions given in the Programme Guide.

This assignment is valid for two admission cycles (July 2024 and January 2025). The validity is given below:

- 1. Those who are enrolled in July 2024, it is valid up to June 2025.
- 2. Those who are enrolled in January 2025, it is valid up to December 2025.

You have to submit the assignment of all the courses to The Coordinator of your Study Centre. For appearing in June Term-End Examination, you must submit assignment to the Coordinator of your study centre latest by 15th March. Similarly for appearing in December Term-End Examination, you must submit assignments to the Coordinator of your study centre latest by 15th September.

TUTOR MARKED ASSIGNMENT

COURSE CODE : ECO-13

COURSE TITLE : Business Environment ASSIGNMENT CODE : ECO-13/TMA/2024-2025

COVERAGE : ALL BLOCKS

Maximum Marks: 100

Attempt all the questions:

1. What are the three components business environment? Discuss. (20)

2. Explain the nature and implications of regulatory role of the government. (20)

3. Discuss the schemes of workers' participation in management. (20)

4. Describe the recent export promotion measures of the government of India. (20)

5. Write short notes on the following: (4×5)

- (a) Ecological Issues
- (b) Economic Grouth
- (c) Indication of Sickness
- (d) Foreign Direct Investment

TUTOR MARKED ASSIGNMENT

Course Code : AED-01

Course Title : Export Procedures & Documentation

Assignment Code : AED-01/TMA/2024-25

Coverage : All Blocks

Maximum Marks: 100

Attempt all the questions.

- 1. What are the objectives of Export- Import policy 1997-2002? (20) Describe the highlights related to major changes in this policy. Explain various specific provisions related to export.
- 2. What do you mean by exchange risk. Distinguish between spot rate (4+8+8) and forward rate. What are the methods of dealing with foreign exchange risk?

3. Differentiate between the following:

 (4×5)

- a) Maritime perils and extraneous perils.
- **b**) Open cover and open policy.
- c) Voyage charter and time charter.
- d) Bulk cargo and general cargo.
- **4. a)** What do you mean by Duty Drawback scheme. Explain the procedures for claiming Duty Drawback. (10+10)
 - **b)** Analyse the need for action-plan by an exporter for timely and proper compliance with different formalities for claiming export incentives.

5. Write a short note on the following:

 (4×5)

- **a)** Federation of Indian export organisation (FIEO)
- **b**) Forward contracts
- c) Documentary credit
- d) Export licensing

एफ.एच.डी.–02

रनातक उपाधि कार्यक्रम (बी.डी.पी.)

सत्रीय कार्य (जुलाई, 2024 एवं जनवरी, 2025 सत्रों लिए)

> पाठ्यक्रम कोड : एफ.एच.डी.—02 हिंदी में आधार पाठ्यक्रम—02



मानविकी विद्यापीठ इंदिरा गाँधी राष्ट्रीय मुक्त विश्वविद्यालय मैदानगढ़ी, नई दिल्ली-110068

हिन्दी में आधार पाठ्यक्रम सत्रीय कार्य

पाठ्यक्रम कोड : एफ.एच.डी.-02

कुल अंक : 100

प्रिय छात्र / छात्राओं!

'छायावाद' पाठ्यक्रम में आपको एक सत्रीय कार्य करना है। यह सत्रीय कार्य शिक्षक जाँच सत्रीय कार्य (टी.एम.ए.) है। सत्रीय कार्य के लिए 100 अंक निर्धारित किये गये हैं।

उद्देश्य : सत्रीय कार्य का मुख्य उद्देश्य यह जाँचना है कि आपने पाठ्य सामग्री को कितना समझा है और आप स्वयं उसे अपने शब्दों में कैसे प्रस्तुत कर सकते हैं। उद्देश्य यह भी है कि अध्ययन के दौरान आपने जो कुछ सीखा और समझा है, उसे आलोचनात्मक ढंग से प्रस्तुत कर सकें।

निर्देश: सत्रीय कार्य आरंभ करने से पूर्व निम्नलिखित बातों को ध्यान से पढ़िए:

- 1). ऐच्छिक पाठ्यक्रमों के लिए कार्यक्रम दर्शिका में दिए गए विस्तृत निर्देशों का सावधानीपूर्वक अध्ययन कीजिए।
- 2). अपनी उत्तर पुस्तिकाओं के पहले पृष्ठ के दाएँ सिरे पर अनुक्रमांक, नाम, पूरा पता और दिनांक लिखिए।
- 3). बाईं ओर पाठ्यक्रम का शीर्षक, सत्रीय कार्य संख्या और अपने अध्ययन केंद्र का उल्लेख करें जैसे आगे दिखाया गया है :

	अनुक्रमांक :
	नाम :
	पता :
पाठ्यक्रम का नाम/कोड :	
सत्रीय कार्य कोड :	
अध्ययन केन्द्र का नाम/कोड :	
दिनांक :	

- 4. उत्तर के लिए केवल फुलस्केप के आकार के कागज़ का इस्तेमाल करें और उन कागज़ों को अच्छी तरह से बाँध लें।
- 5. प्रत्येक उत्तर के पहले प्रश्न संख्या अवश्य लिखें और अपनी ही लिखावट में उत्तर दें।
- 6. सत्रीय कार्य पूरा करके जाँच के लिए अपने अध्ययन केन्द्र के संयोजक (Coordinator)के पास निर्धारित तिथि तक अवश्य जमा करा दें।

सत्रीय कार्य जमा करने की अंतिम तिथि : जुलाई 2024 सत्र के लिए : 30 अप्रैल, 2025 जनवरी 2025 सत्र के लिए : 31 अक्तूबर, 2025

सत्रीय कार्य के लिए आवश्यक निर्देश

सत्रीय कार्य के तीन खंड हैं और उसमें तीन तरह के प्रश्न पूछे गए हैं। उत्तर देने के लिए आप निम्नलिखित विधि से तैयारी करेंगे तो आपके लिए लाभप्रद होगा :

उत्तर देने के लिए आप निम्नलिखित विधि से तैयारी करेंगे तो आपके लिए लाभप्रद होगा :

- 1. अध्ययन : सबसे पहले सत्रीय कार्य को ध्यान से पिढ़ए। िफर इससे संबंधित इकाइयों का सावधानीपूर्वक अध्ययन कीजिए। अंत में प्रत्येक प्रश्न के संबंध में कुछ खास बातें नोट कर लीजिए और उन्हें तार्किक ढंग से पुनर्व्यवस्थित कीजिए।
- 2. अभ्यास : उत्तर का प्रारूप तैयार करने से पूर्व नोट की गई बातों पर विचार कीजिए। अनावश्यक बातों को हटा दीजिए और प्रत्येक बिंदु पर विस्तार से विचार कीजिए। भाषा विज्ञान या हिंदी भाषा के विशिष्ट विषयों से संबद्ध प्रश्नों के उत्तर लिखने से पहले आपने उत्तर पर अच्छी तरह से विचार कर लीजिए। अगर आप बिना समझे पुस्तक या अन्य किसी स्रोत की सहायता से उत्तर देंगे तो इससे आपको कोई लाभ नहीं होगा और सत्रांत परीक्षा में आप ऐसे प्रश्नों का सही उत्तर नहीं दे पाएँगे। निबंधात्मक प्रश्न में आरंभ और उपसंहार पर विशेष ध्यान दीजिए। उत्तर के आरंभिक अंश में प्रश्न की संक्षिप्त व्याख्या और अपने उत्तर की दिशा का संकेत अवश्य दे देना चाहिए। मध्य भाग में आप उत्तर का मुख्य भाग आवश्यक विस्तार के साथ क्रमबद्ध और तार्किक ढंग से प्रस्तुत करें। उपसंहार में उत्तर का सार देना चाहिए।

यह सुनिश्चित कर लीजिए कि :

- क) आपका उत्तर तार्किक और सुसंगत हो।
- ख) वाक्यों और अनुच्छेदों (paragraphs) के बीच स्पष्ट क्रमबद्धता हो,
- ग) उत्तर सही ढंग से लिखा गया हो तथा आपकी अभिव्यक्ति शैली और प्रस्तुति के पूर्णतया अनुकूल हो,
- घ) उत्तर प्रश्न में निर्धारित शब्दों से अधीक लंबा न हो, और
- ङ) आपके लेखन में भाषागत त्रुटियाँ न हों, विशेष रूप से मात्रा और व्याकरण संबंधी गलतियों से बचें।
- 3. प्रस्तुति : जब आप अपने उत्तर से पूर्णतया संतुष्ट हो जाएँ तो उसे साफ और सुंदर अक्षरों में उत्तर पुस्तिका में लिख लीजिए तथा जिन बातों पर आप जोर देना चाहते हैं, उन्हें रेखांकित कर दीजिए।

शुभकामनाओं सहित!

नोट : याद रखें कि विश्वविद्यालय के नए नियमानुसाद परीक्षा में बैठने से पूर्व सत्रीय कार्य जमा कराना अनिवार्य है अन्यथा आपको परीक्षा में बैठने की अनुमति नहीं दी जाएगी।

सत्रीय कार्य (खंड 1 से 4 पर आधारित)

पाठ्यक्रम कोड : एफ.एच.डी.—02 सत्रीय कार्य कोड : एफ.एच.डी.—02 / टी.एम.ए. / 2024—25 कुल अंक— 100

खंड—'क'	
(ख) समाचार पत्र के संपादक के नाम पत्र लिखिए जिसमें गांवों में रहने वाले निम्नवर्गीय लोगों के जीवन को सुधारने के लिए प्रयासों का उल्लेख कीजिए। इसमें आप निम्नलिखित अभिव्यक्तियों का प्रयोग कर सकते हैं— 1. गड्ढों में पानी भरना और मच्छरों का पलना 2. आवारा कुत्तों की समस्या 3. कीचड़—गंदगी के कारण तंग गलियों में से निकलने में कठिनाई	15 15
4. कूड़ा गलियों में फेंकना (ग) रिपोर्ताज 'एकलव्य के नोटस' का प्रतिपाद्य स्पष्ट कीजिए।	10
(घ) वैयक्तिक लेखन की भाषा पर विस्तार से चर्चा कीजिए।	10
खंड—'ख' 2. निम्नलिखित प्रश्नों के उत्तर लगभग 150—200 शब्दों में दीजिए। (क) आत्मकथा और संस्मरण की भाषागत विशेषताओं का तुलनात्मक विवेचन कीजिए। (ख) राहुल सांस्कृत्यायन के यात्रा वृतांत 'ल्हासा से उत्तर की ओर' की मूल संवेदना स्पष्ट कीजिए। (ग) ''जहाँ सुमित तहाँ संपित्ति नाना। जहाँ कुमित तहाँ विपित्ति निदाना।।'' इस सूक्ति का भाव पल्लवन कीजिए। (घ) आपको पुस्तक खरीदने के लिए पैसे चाहिए। आप अपने पिता से किस प्रकार इसका आग्रह करेंगे। संवाद के रूप में इसे लिखिए।	5 5 5
खंड—'ग'	
(ख) "भाषा सूचना के आदान—प्रदान का सशक्त माध्यम है।" इस कथन पर विचार कीजिए। (ग) आपका मित्र गाड़ी चलाने का लाइसेंस बनवाना चाहता है। उसे इस संबंध में आवश्यक निर्देश देते हुए लाइसेंस बनवाने की प्रक्रिया का वर्णन कीजिए।	5 5 5 5

FST-1

ASSIGNMENT BOOKLET

Bachelor's Degree Programme in Science (B.Sc.)

FOUNDATION COURSE IN SCIENCE & TECHNOLOGY

Valid from 1st January to 31st December 2024

It is compulsory to submit the Assignment before filling the Term-End Examination Form



School of Sciences
Indira Gandhi National Open University
Maidan Garhi, New Delhi-110068
(2024)

Dear Student,

We hope you are familiar with the system of evaluation for the Bachelor's Degree Programme. At this stage you may like to re-read the section on Assignments in the Programme Guide that was sent to you after your enrolment. A weightage of 30 per cent, as you are aware, has been earmarked for continuous evaluation, which would consist of one Tutor-Marked Assignment (TMA) for this course. The Assignment is based on all the blocks of this course.

Instructions for Formatting Your Assignment Response

1. On top of the first page of your answer sheet, please write the details in the following

format:		
		Enrolment No.:
		Name:
		Address:
Course	Title:	
Assignment	 No.:	
Address:		
Study	Centre:	
(Name and Code)	•••	Date:

- 2. Use only foolscap size writing paper for writing your answers.
- 3. Leave a 4 cm margin on the left, top and bottom of your answer sheet.
- 4. Your answers should be precise.
- 5. While writing answers clearly indicate the Question No. and its part, if any, that is being answered.
- 6. The response to this assignment is to be submitted to the Coordinator of your Study Centre as per the dates given below:
 - By 31st March for June Term End Examination, and By 30th September for December Term End Examination.
- 7. Please keep a copy of your assignment response for your record and reference.

Best wishes

ASSIGNMENT

(Tutor Marked Assignment)

Course Code: FST-1 Assignment Code: FST-1/TMA/2024 Max. Marks: 100

1. Give an account of the scientific revolution during post (10)renaissance period. 2. List and describe the developments in medicine during the Iron (10)Age. 3.(a) Draw a well labelled diagram of human brain cut along the (5)medial plane. List the major endocrine glands and add a note on their (5)(b) functions. 4. Distinguish between nuclear fusion and nuclear fission and (10)discuss briefly the working of a nuclear reactor. 5. Discuss in detail the evidences of human evolution giving (10)suitable examples. 6. Explain how the recent technological advances have benefitted (10)the modern education system. Give suitable examples. 7.(a) Mention four ways in which our societyhas benefitted from the (5)artificial satellite programme. Explain the impact of the modern information technology on our (b) (5) life style and society. Explain the application of science and technology in small (5) 8. (a) scale industries. (b) Explain the concept of chemical evolution with the help of (5)Miller's experiment. 9. What is mass communication? Discuss the technological (10)advances in mass communication. 10. Discuss five types of infectious diseases caused by microbes. (10)Add a note on the spread or transmission of these diseases.