

**C-5668**

**Sub. Code**

**11F**

**B.Sc./B.B.A. DEGREE EXAMINATION, APRIL 2022**

**First Year – First Semester**

**Part – I – LANGUAGE FRENCH**

**(Common for all UG)**

**(2016/2018 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Comment allez-vous traduire en Français :
  - (a) English
  - (b) French
2. Comment allez-vous traduire en anglais :
  - (a) Grammaire
  - (b) Nom
3. Qu'est-ce que le Français?
4. Quelle est la différence entre l'anglais et le Français
5. Deux types de lettre commerciale?
6. Qu'est-ce qu'une lettre?
7. définir la communication?

8. Type de communication?
9. Ecrivez en Français.
- (a) 100
  - (b) 200
10. Ecrivez en anglais :
- (a) Quarante
  - (b) Cinquante

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Présentez votre famille en Français.
- Ou
- (b) Parler de vos loisirs en Français.
12. (a) Écrire des jours dans une semaine en Français.
- Ou
- (b) D'écrire votre ville natale.
13. (a) Traduire les articles indéfinis en anglais :
- (i) un garçon
  - (ii) des garçons
  - (iii) une fille
  - (iv) un homme
  - (v) une femme

Ou

(b) Traduire les articles définis en anglais :

- (i) Le père
- (ii) le Frère
- (iii) la mère
- (iv) l'homme
- (v) l'oiseau

14. Remplir les banques avec le, la, l'et les :

- (a) (i) \_\_\_\_\_ hommes
- (ii) \_\_\_\_\_ oreille
- (iii) \_\_\_\_\_ femme
- (iv) \_\_\_\_\_ filles
- (v) \_\_\_\_\_ garçon.

Ou

- (b) (i) \_\_\_\_\_ sœur
- (ii) \_\_\_\_\_ père
- (iii) \_\_\_\_\_ mère
- (iv) \_\_\_\_\_ frères
- (v) \_\_\_\_\_ horloge

15. Lister les signes en français :

- (a) (i) . →
- (ii) , →
- (iii) ; →
- (iv) : →
- (v) ? →

Ou

- (b) (i) - →
- (ii) - →
- (iii) “ ” →
- (iv) ( ) →
- (v) ! →

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) D'écrivez l'autre fête que vous savez.

Ou

- (b) D'écrivez votre journée

17. (a) Formater une lettre de congé

Ou

- (b) rédiger une lettre d'excuse.

18. (a) Écrire l'alphabet en français.

Ou

- (b) Écrire les nombres de 1 à 20 en Français

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**C-5669**

**Sub. Code**

**11H**

**B.Sc./B.B.A. DEGREE EXAMINATION, APRIL 2022**

**First Year – First Semester**

**Part I – Hindi**

**STORY, NOVEL, GRAMMAR AND TRANSLATION**

**(Common for all U.G. Degree Courses)**

**(2016 to 2018 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**खंड - क**

(10 × 2 = 20)

**सभी प्रश्नों के उत्तर संक्षेप में लिखिए।**

1. प्रेमचन्द के उपन्यासों में किन्हीं चार का नाम लिखिए।
2. लहनासिंह ने बोधासिंह को कैसे बचाया?
3. मोहनलालजी महता 'वियोगी' का संक्षिप्त परिचय दीजिए।
4. कौन किस के लिये क्या प्रायश्चित्त करता है?
5. उदयभानुलाल को किसने मार डाला और क्यों?
6. भुवनमोहन सिन्हा का संक्षिप्त परिचय दीजिए।
7. कृष्णा का संक्षिप्त परिचय दीजिए।
8. भालचन्द्र सिन्हा का संक्षिप्त परिचय दीजिए।

9. लिंग किसे कहते हैं? उनके कितने प्रकार हैं?
10. वचन कैसे कहते हैं? उनके कितने प्रकार हैं?

**खंड - ख**

(5 × 5 = 25)

**सभी प्रश्नों के उत्तर दीजिए। उत्तर संक्षेप में हो।**

11. (a) लाल बिहारी का संक्षिप्त परिचय दीजिए।  
(या)  
(b) 'प्रायश्चित्त' कहानी की शीर्षक की सार्थकता पर विचार कीजिए।
12. (a) 'उसने कहा था' इस कहानी में कौन किससे क्या कहा था?  
(या)  
(b) पाँच मिनट की मुलाकात में गोपाल ने बाबूजी से क्या कहा?
13. (a) तोताराम के साथ निर्मला की शादी किस हालत में हुई?  
(या)  
(b) जियाराम ने आत्महत्या क्यों की?
14. (a) सियाराम किसके साथ भाग गया और क्यों?  
(या)  
(b) कल्याणी और उदयभानुलाल के बीच में झगडा क्यों हुआ?
15. (a) 'कारक' किसे कहते हैं? उनके भेदों को उदाहरण सहित समझाइए।  
(या)  
(b) संज्ञा किसे कहते हैं? उनके भेदों को उदाहरण सहित समझाइए।

किन्हीं तीन प्रश्नों के उत्तर दीजिए। उत्तर विस्तार से हो।

16. (a) कहानी कला के तत्वों के आधार पर 'उसने कहा था' कहानी का सारांश लिखिए।

(या)

- (b) 'निर्मला' का चरित्र-चित्रण कीजिए।

17. (a) 'निर्मला' उपन्यास में चित्रित सामाजिक समस्याओं पर विचार कीजिए।

(या)

- (b) सर्वनाम किसे कहते हैं? उनके भेदों को उदाहरण सहित समझाइए।

18. (a) अंग्रेज़ी में अनुवाद कीजिए।

अक्सर लड़के अपने से बड़ों की नकल करते हैं। बचपन में लड़के अधिक समय माता-पिता के पास रहते हैं। इसलिए वे उनकी अच्छाइयों और बुराइयों का अनुकरण करने लगते हैं। यह मानी हुई बात है कि अच्छाई की अपेक्षा बुराई का अनुकरण लोग आसानी से करते हैं। जो बात बचपन से लड़के सीख लेते हैं, आगे चलकर वही आदत बन जाती है। इसलिए जो अपने बाल-बच्चों का चरित्र बिगाड़ना नहीं चाहते, उनको चाहिए कि वे खुद भी अच्छा आचरण करें। शिक्षा का असली उद्देश्य चरित्र का निर्माण ही है।

(या)

- (b) कृष्णा का चरित्र-चित्रण कीजिए।

C-5667

Sub. Code

11T

**B.Sc./B.B.A. DEGREE EXAMINATION, APRIL 2022.**

**First Year / First Semester**

**Part – I**

**தமிழ்ச்செம்மொழியும் தமிழர்களின் பன்முகத்திறனும்**

**(Common for all U.G. Degree Courses)**

**(2016 to 2018 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**பகுதி அ**

(10 × 2 = 20)

அனைத்து வினாக்களுக்கும் விடையளிக்கவும்.

1. ஓட்டுநிலை மொழி என்றால் என்ன?
2. தமிழின் செம்மொழித் தகுதிகளைச் சான்றுகளுடன் எடுத்துக் காட்டி விளக்கியவர் யார்?
3. செம்மொழி தகுதிபெற்றக் காப்பியங்கள் கூறுக.
4. தழை ஆடை என்பதென்ன?
5. கழல் என்னும் அணிகலன் பண்டைகாலத்தில் இருந்தமைக்கு இலக்கியச் சான்று ஒன்று காட்டுக.
6. குகை காவியங்கள் பற்றிக் குறிப்புரைக்க.
7. களிமண் சிற்பங்கள் பற்றிக் கூறுக.
8. பண்டைக் காலத்தில் காணப்பட்ட வாணிபப் போக்குவரத்து முறைகள் இரண்டினைக் கூட்டுக.
9. மருந்துகளால் பெயர்பெற்ற இரண்டு அறநூல்கள் தருக.
10. விருந்தோம்பல் குறித்த வள்ளுவரின் சிந்தனை ஒன்றைத் தருக.

அனைத்து வினாக்களுக்கும் விடை தருக.

11. (அ) இந்தியச் செம்மொழிகள் பற்றி எடுத்துரைக்க.

(அல்லது)

(ஆ) தமிழ்ச் செம்மொழி இலக்கியங்கள் வரிசைப்படுத்தி அத்தகுதி பெற்றமைக்கானக் காரணங்களை சுருக்கி விளக்குக.

12. (அ) நடலாடை , பட்டாடைக் குறித்த இலக்கியப் பதிவுகளைத் தருக.

(அல்லது)

(ஆ) ஆடைக்கும் பண்பாட்டிற்கும் உள்ள தொடர்பு குறித்து எடுத்துரைக்க.

13. (அ) காப்பியங்கள் காணலாகும் அணிகலன்கள் பற்றிய பதிவுகளைத் தருக.

(அல்லது)

(ஆ) பெண்கள் அணியும் அணிகலன்களாக இலக்கியங்கள் வழி அறியப்படுவனவற்றைச் சான்றுடன் தருக.

14. (அ) இலக்கியங்கள் வழி அறியலாகும் சிற்பக்கலை குறித்து எடுத்துரைக்க.

(அல்லது)

(ஆ) கட்டடக்கலைக்கும் காப்பியங்கள் சான்றுகளை எடுத்துரைக்க.

15. (அ) பண்டை இலக்கியங்கள் வழி அறியப்படும் மருத்துவக் குறிப்புகளைத் தருக.

(அல்லது)

- (ஆ) பண்டைத் தமிழ் மக்கள் போற்றிய விருந்தோம்பலை விரித்துரைக்க.

**பகுதி இ**

(3 × 10 = 30)

அனைத்து வினாக்களுக்கும் விடை தருக.

16. (அ) தமிழின் சிறப்புகளையும், அதன் இலக்கிய வளமை குறித்தும் கட்டுரை வரைக.

(அல்லது)

- (ஆ) தமிழ்ச் செம்மொழி நூல்களின் தனித்தன்மைகளை விளக்கி ஆராய்க.

17. (அ) ஆடை வகைகளை இலக்கியச் சான்று காட்டி விரித்துரைக்க.

(அல்லது)

- (ஆ) தமிழர்களின் அணிகலன் பயன்பாடு குறித்துக் கட்டுரைக்க.

18. (அ) இசைக்கலை குறித்துச் செம்மொழிச் இலக்கியக் பதிவுகள் சான்றுடன் விளக்கியுரைக்க.

(அல்லது)

- (ஆ) இலக்கியங்கள் வழி அறியலாகும் பண்பாடு பழக்க வழக்கங்கள் பற்றிக் கட்டுரை வரைக.

**C-5670**

**Sub. Code**

**91411/12**

**Common for all U.G. B.Sc./B.B.A. DEGREE  
EXAMINATION, APRIL 2022**

**First Year/First Semester**

**English**

**Part II – ENGLISH PROSE AND COMMUNICATION  
SKILLS**

**(2016 to 2018 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is vocational education?
2. What is it that Indira Gandhi does not demand?
3. What did Stevenson ride on?
4. What was the boy's reaction to the punishment?
5. What was remarkable about Ernest Thompson Seton's *Wild Animals I have Known*?
6. What are the tree visions that Sarojini Naidu talks of?
7. He \_\_\_\_\_ my uncle yesterday. (Use correct form of verb)
8. Define Noun.
9. Seenu is a boy \_\_\_\_\_ poor family. (use appropriate preposition)
10. \_\_\_\_\_ you like to have tea or coffee? (Use correct auxiliaries)

**Part B**

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Write a short note on how to attain Excellence I education emphasized by Livingstone.

Or

- (b) Substantiate Indira Gandhi's view that the youth are the backbone of India.

12. (a) What is the usefulness of forming habits?

Or

- (b) How does the teacher try to repair the damage done and with what result?

13. (a) What books did Margaret Atwood enjoy reading?

Or

- (b) What does Sarojini Naidu say about the vision of patriotism?

14. (a) Write a short note on types of sentences.

Or

- (b) Fill in the blanks using Present Perfect Continuous Tense:

- (i) The \_\_\_\_\_ (work) all day.  
(ii) He eyes were red because she \_\_\_\_\_ (cry).  
(iii) She \_\_\_\_\_ ( sing) upto that morning.  
(iv) They \_\_\_\_\_ (wait) for her since 8 0' clock.  
(v) Mani \_\_\_\_\_ (read) this book for the past three hours.

15. (a) Write the correct sentence pattern.
- (i) I finished the work.
  - (ii) She worked in a reputed company.
  - (iii) Our headmaster Sideline was a lending library.
  - (iv) They made David Chairman of the Rotary Club.
  - (v) We wish you happy new year.

Or

- (b) Fill in the blanks using appropriate Prepositions:
- (i) He came \_\_\_\_\_ the office \_\_\_\_\_ a big hurry.
  - (ii) We drove \_\_\_\_\_ the store.
  - (iii) Four armed men held \_\_\_\_\_ the bank.
  - (iv) We finally lived \_\_\_\_\_ that incident.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) What, according to Livingstone, are the essentials of education?

Or

- (b) Write an essay on personality of Indira Gandhi as revealed in her speeches.

17. (a) What are Gardiner's views on the desirability or otherwise of forming habits?

Or

- (b) Write an essay in 500 words about the relationship between the rich student and the poor teacher.

18. (a) Write an essay on present tenses.

Or

(b) Fill in the blanks with correct preposition.

Nehru was called \_\_\_\_\_ to say a few words  
\_\_\_\_\_ the occasion \_\_\_\_\_ the  
assassination \_\_\_\_\_ Gandhi \_\_\_\_\_ an  
utter sense \_\_\_\_\_ shame, Nehru expressed  
his regret \_\_\_\_\_ the failure out country  
\_\_\_\_\_ give protection \_\_\_\_\_ the life  
\_\_\_\_\_ this great man, as well as that  
\_\_\_\_\_ many an innocent man, woman and  
child.

\_\_\_\_\_

**C-5672**

**Sub. Code**

**21F**

**B.Sc./B.B.A. DEGREE EXAMINATION, APRIL 2022**

**Second Year — Second Semester**

**Part 1 — FRENCH**

**(Common for all UG Degree courses)**

**(2016 to 2018 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Que savez-vous du français ?
2. Trouvez les réponses :
  - (a) Comment tu t'appelles ? \_\_\_\_\_
  - (b) Comment allez-vous ? \_\_\_\_\_
3. Dites les nombres :
  - (a) les filles dans la classe : \_\_\_\_\_
  - (b) les garçons dans la classe : \_\_\_\_\_
4. C'est quoi les accents ?
5. Quels sont les trois types d'accents ?
6. C'est quoi les articles ?
7. Types d'articles ?

8. Types de pronoms.
9. La monnaie de la France est :
10. Le drapeau français est :

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. Donnez les mots français :

- (a) (i) Hello :
- (ii) Good Morning :
- (iii) Good Evening :
- (iv) Fine Thank You :
- (v) How are you ? :

Ou

- (b) (i) See You Tomorrow :
- (ii) What is Your Name :
- (iii) Good Afternoon :
- (iv) Excuse Me :
- (v) Madam :

12. Ecrivez les nombres suivants en chiffres :

(a) (i) seize :

(ii) dix-neuf :

(iii) douze :

(iv) neuf :

(v) treize :

Ou

(b) (i) cinq :

(ii) quinze :

(iii) vingt :

(iv) onze :

(v) quatre :

13. Ecrivez les nombres en lettres :

(a) (i) 39 -

(ii) 46 -

(iii) 41 -

(iv) 64 -

(v) 25 -

Ou

- (b) (i) 62 -
- (ii) 70 -
- (iii) 53 -
- (iv) 48 -
- (v) 37 -

14. Ecrivez le nom des couleurs en français :

- (a) (i) Black :
- (ii) White :
- (iii) Rose :
- (iv) Blue :
- (v) Grey :

Ou

- (b) (i) Green
- (ii) Yellow
- (iii) Violet
- (iv) Purple
- (v) Orange.

15. (a) Décrivez votre mère en 5-6 lignes.

Ou

(b) Décrivez votre famille.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. Give the French Equivalent for the following countries.

- (a) (i) England →
- (ii) Africa →
- (iii) America →
- (iv) China →
- (v) Egypt →
- (vi) Iran →
- (vii) India →
- (viii) France →
- (ix) Italy →
- (x) Rome

Or

- (b) (i) Dubai →
- (ii) Muscut →
- (iii) Norway →
- (iv) Switzerland →
- (v) Mascow →
- (vi) Singapore →
- (vii) Spain →
- (viii) London →
- (ix) Paris →
- (x) Japan →

17. (a) Ecrivez dix noms de Legumes en Français.

Ou

(b) Ecrivez n'importe quel nom de dix fruits en Français.

18. (a) Presentez - vous en français.

Ou

(b) Décrire une station de montagne en français.

\_\_\_\_\_

C-5673

Sub. Code

21H

U.G. DEGREE EXAMINATION, APRIL 2022

Second Year – Second Semester

Part I – Hindi

HINDI II – PROSE, GRAMMAR AND TRANSLATION – II

(Common for all UG Degree courses)

(2016/2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

सभी प्रश्नों के उत्तर संक्षेप में लिखिए।

1. वैज्ञानिक युग में भारत का दायित्व क्या है?
2. घृणा और भय में क्या सम्बन्ध है?
3. रजिया ने लेखक को पहली मुलाकात में क्यों प्रभावित किया?
4. मक्रील के वातावरण पर प्रकाश डालिए।
5. भ्रमण के लिए नक्शे से क्या मदद मिलती है?
6. राष्ट्रपिता महात्मा गाँधी पाठ का लेखक कौन है और यह पाठ किस विधा की रचना है?
7. किसी विदेशी को भारत अनेक देशों का समूह क्यों प्रतीत होता है?
8. घृणा का समाज में क्या महत्व है?

9. लेखक ने रजिया को अन्तिम बार किस रूप में देखा?
10. 'बहता पानी निर्मला पाठ का निष्कर्ष क्या है'?

**Part B**

(5 × 5 = 25)

सभी प्रश्नों के उत्तर दीजिए।

संदर्भ सहित व्याख्या कीजिए।

11. (a) हमारी सामूहिक चेतना ऐसे नैतिक आधार पर ठहरी हुई है, जो पहादों से भी मजबूत, समुद्रों से भी गहरी और आकाश से भी अधिक व्यापक है।

(या)

- (b) जिस वस्तु का जीवन में इतना मूल्य है, उसे शिथिल होने देना, अपने पाँव में कुल्हाड़ी मारना है।

12. (a) फिर जरा-सा रुककर बोली-सुना था, आप यहीं रहते हैं। कहाँ रहते हैं मालिक? मैं तो अकसर आया करती हूँ।

(या)

- (b) मेरे सुख को बाँटनेवाला कोई नहीं, इसलिए वह विकास न या, तीव्र दाह बन जाता है।

13. (a) "जनाब, अपना बोरिया-विस्तर समेटिए और जरा चलते-फिरते नजर आइये"। यह आपका अपमान नहीं है।

(या)

- (b) जहाँ स्त्रियों को वही अधिकार है जो पुरुषों को, यह मेरे स्वप्नों का भारत है।

व्याकरण :

14. (a) 'ने' विधि का प्रयोग समझाइए।  
(या)  
(b) वर्तमानकाल के भेदों को उदाहरण सहित समझाइए।
15. (a) भूतकाल के भेदों को उदाहरण सहित समझाइए।  
(या)  
(b) भविष्यत्काल के भेदों को उदाहरण सहित समझाइए।

**Part C**

(3 × 10 = 30)

किन्हीं तीन प्रश्नों का उत्तर दीजिए।

उत्तर विस्तार से हो।

16. (a) 'भारतीय संस्कृति' पाठ का सारांश लिखिए।  
(या)  
(b) 'बहता पानी निर्मला' पाठ का सारांश लिखिए।
17. (a) क्रिया विशेषण किस कहते हैं? अर्थ के अनुसार इसके कितने भेद हैं?  
उदाहरण सहित समझाइए।  
(या)  
(b) कारक किसे कहते हैं? उनके भेदों को उदाहरण सहित समझाइए।

18. (a) हिन्दी में अनुवाद कीजिए।

One day Prince Siddhartha was playing in the palace-garden. He saw some wild swans flying in the sky. He loved these fine birds very much. Suddenly one of the swans dropped down from the sky and fell at his feet. There was an arrow in its side. Blood was coming out of its body. The prince felt very unhappy. He took the arrow out of the bird gently. He put some green leaves on the wounded part.

(या)

(b) King Dasaratha had three queens, Kausalya, Kaikeyi and Sumithra. Rama was the son of the eldest queen Kausalya, Bharata was the son of Kaikeyi; while Sumitra had two sons, Lakshmana and Sathrughna. Lakshmana was devoted to Rama and was always in his company; while Sathrughna was specially devoted to Bharatha. The four brothers lived in great friendship, and the three younger brothers worshipped their eldest brother Rama.

C-5671

Sub. Code

21T

Common for B.Sc./B.B.A DEGREE EXAMINATION,  
APRIL 2022

Second Year / Second Semester

Common for all U.G. Degree Course

Part – I இலக்கணமும், படைப்பிலக்கியமும்

(2016-2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

பகுதி அ

ஒரிரு வரிகளில் விடை தருக.

(10 × 2 = 20)

1. மெய்யெழுத்துக்களின் வகைகளைக் கூறுக.
2. உடம்படுமெய் என்றால் என்ன?
3. மு.மேத்தா எதன்மூலம் எதையும் அடைந்துவிட முடியும் என்கிறார்?
4. வைரமுத்துவின் விதைச்சோளம் கவிதையின் அடிநாதமாக விளங்குவது யாது?
5. அசோகமித்ரன் 'பள்ளியில் ஒரு நாய்க்குட்டி' எனச் சுட்டுவது யாது?
6. 'தந்தை மகனுக்கு ஆற்றும் நன்றி' என்னும் சிறுகதையின் கரு யாது?
7. இணைய முகவரி என்றால் என்ன?
8. இணைய இதழ்கள் இரண்டின் பெயர்களைச் சுட்டுக.
9. புதுக்கவிதை உத்திகளுள் இரண்டினைக் கூறுக.
10. தமிழ்ச் சிறுகதைகளின் முன்னோடி எது? அதனை எழுதியவர் யார்?

ஒரு பக்க அளவில் விடை தருக.

11. (அ) மொழி முதலெழுத்துக்களை எழுதுக.

(அல்லது)

(ஆ) சார்பெழுத்துக்களின் வகைகளைக் கூறுக.

12. (அ) புத்தகசாலை நாட்டில் ஏற்படுத்தும் மாற்றங்களாகப் பாரதிதாசன் கூறுவனவற்றை விளக்குக.

(அல்லது)

(ஆ) மீராவின் கவிதை உத்திகைள 'சாகாதவானம்' கவிதை கொண்டெழுதுக.

13. (அ) புராணத்தைப் புதிய கண்ணோட்டத்தில் படைத்துக் காட்டும் புதுமைப்பித்தனின் போக்கை விளக்குக.

(அல்லது)

(ஆ) அர்ச்சனை ரூபாய் சிறுகதையில் கு.ப.ரா. வெளிப்படுத்தும் வாழ்வியல் உண்மையை எழுதுக.

14. (அ) மின்னஞ்சல் முகவரி உருவாக்கும் முறை குறித்தெழுதுக.

(அல்லது)

(ஆ) தமிழ் வளர்ச்சித் துறையின் இணையதளம் பற்றி எழுதுக.

15. (அ) மரபுக்கவிதை என்றால் என்ன? விளக்குக.

(அல்லது)

(ஆ) சிறுகதை வடிவம் குறித்தெழுதுக.

பகுதி இ

(3 × 10 = 30)

கட்டுரை வடிவில் விடை தருக.

16. (அ) மொழியிறுதி எழுத்துக்களை விவரி.

(அல்லது)

(ஆ) வல்லினம் மிகும் இடங்களைத் தொகுத்துரைக்க.

17. (அ) சிறுகதையின் தோற்றமும் வளர்ச்சியும் குறித்துக் கட்டுரைக்க.

(அல்லது)

(ஆ) மின்நூலகங்கள் தமிழ் வளர்க்கும் பாங்கை விவரி.

18. (அ) “மனிதநேயம் போற்றுவோம்” என்னும் தலைப்பில் கவிதை இயற்றுக.

(அல்லது)

(ஆ) சுற்றுச்சூழலைப் பேணுதல் என்னும் கருவை மையமிட்டு சிறுகதை படைத்தீடுக.

**C-5674**

**Sub. Code**

**91421/22**

**B.Sc./B.B.A. DEGREE EXAMINATION, APRIL 2022**

**Second Year/Second Semester**

**Common for all UG Degree Courses**

**Part II – ENGLISH - PROSE, EXTENSIVE READING  
AND COMMUNICATION SKILLS**

**(2016 to 2018 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Kalam is proud of having worked with three great men. Who are they?
2. What kind of society did we have in the pre-war period?
3. What are the two ways in which science benefits man?
4. Why does Nehru regard Gandhi as the sun?
5. What experiences do students in schools and colleges have in arguing?
6. What was the agreement between Bob and Jimmy twenty years before, when they parted?
7. How did the Quick man explain it away?

8. What did the stranger want to know?
9. What are the types of adjective clause?
10. What is Sub-ordinate Conjunctions? Give example.

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) What does Kalam say about the passivity of Indians?

Or

- (b) What are the contradictory views of Plato on the artist's role in society?

12. (a) How does Nehru reconcile himself with Gandhi's death?

Or

- (b) What is Lynd's conversion to socialism and nationalism?

13. (a) How does the true friendship reflect in *After Twenty Years*?

Or

- (b) How did the conjuror take his revenge on the Quick Man?

14. (a) How did the father test the skills of his sons?

Or

- (b) How do Phrase help in making of Simple sentence?

15. (a) Jot down the changes/ rules while transforming the Exclamatory sentences of Direct speech into Indirect speech.

Or

- (b) Write a paragraph on the 'Formation of Positive and Superlative Degrees'.

**Part C** (3 × 10 = 30)

Answer **all** questions.

16. (a) Write an essay on Kalam's three visions.

Or

- (b) What does Holt say about ballet training? What does he deduce from it?

17. (a) How are the two friends contrasted?

Or

- (b) Elucidate how the conjuror's tricks and the Quick Man's deflationary comments for it.

18. (a) What are the kinds of Conjunctions? Explain in detail.

Or

- (b) What are the Degrees of comparison? Explain with examples.

**C-5675**

**Sub. Code**

**31**

**B.Sc./B.B.A. DEGREE EXAMINATION, APRIL 2022**

**Third Semester**

**Part II — ENGLISH — COMMUNICATIVE SKILLS**

**(Common for all U.G. Degree Courses)**

**(2016 to 2018 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Mention two barriers to communication.
2. Give two examples for negative gestures.
3. What are homonyms? Give an example.
4. Replace the infinitives in the given sentences with gerunds:
  - (a) Bheema loves to eat.
  - (b) Sandhya's hobby is to make dolls.
5. Choose the right adjectives to fill in the blanks:
  - (a) There isn't \_\_\_\_\_ milk, left in the fridge. (much/many)
  - (b) Karkuzhazhi is a \_\_\_\_\_ girl. (handsome/beautiful)
6. Choose the right prepositions to fill in the blanks:
  - (a) The discussion was \_\_\_\_\_ politics.(on/ about)
  - (b) Isai is junior \_\_\_\_\_ Arun. (than/to)

7. What is primary stress?
8. What are the kinds of intonation?
9. What is SQ3R?
10. What is scanning?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write briefly on the ways of challenging the barriers of communication.

Or

- (b) Define communication and mention the types of communication.

12. (a) Distinguish between active voice and passive voice with examples.

Or

- (b) What are phrasal verbs and prepositional phrases? Give examples.

13. (a) Write briefly on unnecessary articles and prepositions with examples.

Or

- (b) Put the adverbs in the given sentences in the right position:

- (i) Jenny cries without sometimes a reason.
- (ii) Selvi comes often early to office.
- (iii) The lark sings in the morning happily.
- (iv) Do not forget regularly to take your medicines.
- (v) Dr. Salim Ali lovingly spoke to his students.

14. (a) Distinguish between primary and secondary stress with examples.

Or

- (b) Use appropriate intonation symbols for the given expressions.
- (i) Where do you live?
  - (ii) Thanks, my friend,
  - (iii) Are you happy?
  - (iv) What a beautiful picture!
  - (v) God is love.
15. (a) Write a paragraph on the characteristics of good handwriting.

Or

- (b) Write briefly on the mechanics of hand-writing.

**Part C** (3 × 10 = 30)

Answer **all** questions.

16. (a) Write in detail on the kinds of verbal and non-verbal communication.

Or

- (b) Frame questions to suit the following responses:

- (i) There are twenty- nine states in India
- (ii) May is the hottest month in our country.
- (iii) I would like to have some coffee.
- (iv) Raji is my friend.
- (v) Kodai is my favourite tourist location.
- (vi) My mother is a doctor.
- (vii) This chair costs Rs. 500.

- (viii) Rithika works in a dance school.
- (ix) Ameer's father is a famous poet.
- (x) The Quran is the holy book of the Muslims.

17. (a) Identify the sentences as simple, compound and complex:

- (i) I believe that God exists.
- (ii) Seeing the snake, Ravi shouted.
- (iii) Tell me the truth and you won't be punished.
- (iv) He worked, while I sang.
- (v) When Shree came in, Gautam was playing the piano.
- (vi) Pravin and Valli are working on a new project.
- (vii) The bird cannot fly unless it has wings.
- (viii) Rahul loves dancing, therefore he has joined a dance school.
- (ix) Nikil hates garlic, but his mother forces him to eat it.
- (x) Being slim and agile, Krishil climbs the mango tree easily.

Or

(b) How are nouns, verbs, adjectives and adverbs often confused? Explain in detail and give examples.

18. (a) Write an essay on 'the importance of reading'.

Or

(b) Write in detail on vowel and consonant sounds.

**C-5676**

**Sub. Code**

**41**

**COMMON FOR ALL U.G. DEGREE COURSES  
B.Sc./B.B.A. DEGREE EXAMINATION, APRIL 2022**

**Fourth Semester**

**EMPLOYABILITY SKILLS**

**(2016 to 2018)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is meant by telephone etiquettes?
2. What are the different types of interview?
3. Mention few techniques for formal letter writing.
4. What are the key elements for writing resume?
5. Why do we great people / others?
6. What is meant by review writing?
7. What are the different types of composition?
8. How do we develop our creative competency?
9. What is meant by non-verbal communication?
10. How does personal appearance help non – verbal communication?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) What are the different ways to express our opinions?

Or

- (b) Write a short note on techniques of interview.

12. (a) Describe the steps to be followed while filling a bank challan.

Or

- (b) What are the steps to be followed to write a resume?

13. (a) What are the different types of greetings? Write short note on it.

Or

- (b) Write a short note on developing topic sentences into paragraph.

14. (a) Write a paragraph on controlled composition.

Or

- (b) Write a note on different steps to develop creative competency.

15. (a) Write a short note on different types of non-verbal communication.

Or

- (b) What are the uses of visual aids?

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Describe in detail on interview skills and its techniques.

Or

- (b) Write a letter to your father about your health issues at the hostel

17. (a) Write a short note on the following

- (i) Note-making.  
(ii) Note-taking.

Or

- (b) Prepare a report of your annual project.

18. (a) Write an essay on different kinds of composition.

Or

- (b) Write an essay on merits and demerits of visual aids.
-

**C-5773**

**Sub. Code**

**91813**

**B.Sc. DEGREE EXAMINATION, APRIL 2022**

**First Semester**

**Fashion Design**

**INTRODUCTION TO TEXTILES**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is the difference between fabric and textile?
2. What is the process of knitting?
3. What is thermoplastic?
4. Write any four natural fibres.
5. What are the properties of fibre?
6. What are the essential structural properties of a polymer to behave as a fibre?
7. Write any three advantages of natural fibres.
8. What are manmade fibres? Give examples.
9. What is the process of making fabric from fibre?
10. Why quality control is important in production?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Describe the different methods of fabric formation.

Or

- (b) How textile fibres are classified for clothing?

12. (a) “Jute is a natural fibre”- Explain.

Or

- (b) Write an essay on animal regenerated fibre.

13. (a) Explain the primary properties of fabric textile.

Or

- (b) How is microscopic test performed and which features of the Fibres does it reveal?

14. (a) Explain the advantages and disadvantages of manmade fibres.

Or

- (b) Explain the characteristic features of Polyester.

15. (a) Write an essay on Home furnishing textiles.

Or

- (b) What are the main types of finishing processes for fabrics?

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the importance of textiles.

Or

- (b) Write notes on:

- (i) Animal regenerated fibre
- (ii) Mineral regenerated fibre.

17. (a) Discuss about the initial preparation of Linen.

Or

- (b) Explain the process of fibre to yarn.

18. (a) Explain the classification of fabric.

Or

- (b) Explain the importance of fabric decoration techniques.

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**C – 5775**

**Sub. Code**

**91823**

**B.Sc. DEGREE EXAMINATION, APRIL 2022**

**Second Semester**

**Fashion Design**

**TEXTILE MANUFACTURING**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. State the principle and types of ginning.
2. What is the objective of roving?
3. Define the woven process and state its applications.
4. Define the types of auxiliary motions.
5. State the principle of weft knitting.
6. List the warp knitting elements.
7. In what way sewing thread differ from other yarn?
8. State the different types of fancy yarns.
9. Mention the quality requirement of blended hosiery yarns.
10. List the reasons for yarn faults.

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Briefly explain the drawing process.

Or

- (b) Explain the cone winding process.

12. (a) Explain about warning process.

Or

- (b) Explain about rapier weaving.

13. (a) Explain in detail about working principle of single jersey machine.

Or

- (b) Explain the working of raschel machine.

14. (a) Enumerate the types of fibres used for sewing thread.

Or

- (b) State about the quality requirement for sewing thread.

15. (a) Compare the carded and combed yarns.

Or

- (b) State all the process particulars for 100% cotton yarn.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain in detail about the combing process.

Or

(b) Explain the working of air jet machine.

17. (a) Explain the working of tricot machine.

Or

(b) Explain the sequence of process for fancy yarn production.

18. (a) Explain the woven fabric type of defects, its causes and remedies.

Or

(b) Discuss about the ring spinning process.

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**C-5778**

**Sub. Code**

**91842**

**B.Sc. DEGREE EXAMINATION, APRIL 2022**

**Fourth Semester**

**Fashion Design**

**HISTORIC COSTUMES**

**(2016 onwards)**

Duration: 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is Mantua?
2. Illustrate any one silhouette 18<sup>th</sup> century.
3. Define Corset.
4. What are engageantes?
5. What is Kaftan?
6. Illustrate African traditional jewellery.
7. What is Kimono?
8. Write short notes on Japan fashion.
9. What are traditional fabrics of Italy?
10. What is himation?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Discuss the men's hairstyle in 19<sup>th</sup> century.

Or

- (b) Explain the women's costume of 18<sup>th</sup> century.

12. (a) Explain the different types of petticoats used during 18<sup>th</sup> century in American costumes.

Or

- (b) Explain 1970's fashion.

13. (a) Write about the head dresses and embellishments of Morocco.

Or

- (b) Differentiate between the costumes of Uganda and South Africa.

14. (a) Write about the head dresses and embellishments of Srilanka.

Or

- (b) Explain the Chinese folk costume.

15. (a) Write about costumes of Sweden (women).

Or

- (b) Explain the traditional female costumes of Ireland.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain in detail with necessary illustration the developments of costume during the period of 19<sup>th</sup> century.

Or

- (b) Write about Crinoline cage with neat illustration.

17. (a) Illustrate the Egyptian costume for women and explain the jewellery.

Or

- (b) Explain the textile designs, costumes, head dresses and embellishments of Zimbabwe.

18. (a) Explain the American costumes evolutions from 18<sup>th</sup> to 20<sup>th</sup> century.

Or

- (b) Explain the traditional Greek costumes (Female).

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**C-5779**

**Sub. Code**

**91843**

**B.Sc. DEGREE EXAMINATION, APRIL 2022**

**Fourth Semester**

**Fashion Design**

**TEXTILE CHEMICAL PROCESSING**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is singeing?
2. State importance of bleaching.
3. Why reactive dyes has good fastness property?
4. What dye used for dyeing polyester?
5. What is Resist printing?
6. State the importance of Gum is the printing.
7. List few flame retardant agents.
8. What is the purpose of antimicrobial finish?
9. What are the pre treatment process for cotton?
10. Define mercerization.

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Discuss the chemical process sequence for cellulosic blend materials.

Or

- (b) Explain the chemical process sequence for polyester.

12. (a) Explain the process of desizing.

Or

- (b) Brief on the scouring of cotton.

13. (a) Write a note on natural dyes.

Or

- (b) Discuss the after treatment for dyed goods.

14. (a) Explain the preparation of printing paste.

Or

- (b) Elaborate on advancement in printing.

15. (a) Explain the process of water repellent finish.

Or

- (b) Write a note on UV protection finish.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain any one type of singeing method

Or

(b) Explain the process of mercerization.

17. (a) Explain in detail the process of vat dyeing.

Or

(b) Discuss the process of reactive dyes on cotton.

18. (a) Explain the various printing methods and techniques.

Or

(b) Discuss on various Denim finishing methods.

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**C-5780**

**Sub. Code**

**91851**

**B.Sc. DEGREE EXAMINATION, APRIL 2022**

**Fifth Semester**

**Fashion Design**

**APPAREL COSTING TECHNIQUES**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is sunk cost?
2. Define shutdown cost.
3. What is direct and indirect material cost?
4. How is work cost calculated?
5. How do work out the cost of knitting?
6. How many types of stripes are there?
7. Write down the cost estimation for packing.
8. What is cost estimation?
9. How to calculate cost analysis for children's wear?
10. How does the calculation of cost analysis differ for vest and Briefs?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) What are the types of costs?  
Or  
(b) Explain Research cost.
12. (a) What are the main differences between selling and distribution cost?  
Or  
(b) What is total cost and how is it calculated?
13. (a) Write notes on:  
(i) Forwarding  
(ii) Shipping  
Or  
(b) Write notes on:  
(i) Insurance  
(ii) Stitching
14. (a) How will you determine the standard cost for weaving?  
Or  
(b) Explain the standard cost of special finished goods.
15. (a) Write about the various factors for the costing of domestic products.  
Or  
(b) How to calculate the garment cost for Pyjamas?

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the principles of costing.

Or

(b) Describe the elements of cost.

17. (a) Write notes on:

(i) Variable cost

(ii) Semi variable cost

Or

(b) Write in detail about the INCO terms and its relationship with costing.

18. (a) Explain the classification of overheads.

Or

(b) Explain Cost of Production.

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**C-5781**

**Sub. Code**

**91852**

**B.Sc. DEGREE EXAMINATION, APRIL 2022**

**Fifth Semester**

**Fashion Design**

**HUMAN RESOURCE MANAGEMENT**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is the function of personnel management?
2. Write down the objectives of personnel management.
3. What is job description?
4. What is staffing in management?
5. What are the functions of performance appraisal?
6. Write any two benefits of training.
7. Define motivation.
8. What is morale and why is it important?
9. What is labour turnover?
10. What is counseling?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write down the nature and scope of personnel management.

Or

- (b) Explain the role of Personnel manager.

12. (a) Write about the steps in employee recruitment.

Or

- (b) Explain job analysis and job specification.

13. (a) What are the types of training?

Or

- (b) Write about the factors that affect the performance appraisal.

14. (a) Write about the steps to increase productivity.

Or

- (b) What is incentive? What are the types of incentive?

15. (a) Write about the causes of absenteeism.

Or

- (b) Explain the importance of counseling in workplace.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Describe the importance of Personnel management.

Or

- (b) Explain the qualities and characteristics of a successful personnel manager.

17. (a) Explain the different types of interviews.

Or

- (b) Explain performance dimension.

18. (a) Write an essay on the types of motivation process.

Or

- (b) Write about the different types of theoretical approaches for counseling.
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**C – 5782**

**Sub. Code**

**91853**

**B.Sc. DEGREE EXAMINATION, APRIL 2022**

**Fifth Semester**

**Fashion Design**

**THEATRE COSTUMES**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is theatre costume design?
2. Why are costumes important in theatrical performance?
3. How do make a glow stick costume?
4. What is the difference between a prom dress and a pageant dress?
5. Write about the basic forms of furniture in theatre.
6. What does stage set mean?
7. What is the storyline of sleeping beauty?
8. What is short story drama?
9. What was the name of Shakespeare's main theatre?
10. What did Shakespeare say about theatre?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the different steps in costume design for theatre performance.

Or

- (b) What are the types of stages?

12. (a) How do costumes enhance a performance?

Or

- (b) What are the objectives of stage lighting?

13. (a) Why is space so important in theatre?

Or

- (b) Explain cultural space.

14. (a) Write notes on Gillian Lynne theatre.

Or

- (b) Write about the theatre forms of Red - ridding hood.

15. (a) Write notes on Improvisational theatre.

Or

- (b) Explain outdoor promenade theatre.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Describe the different types of theatre.

Or

(b) Explain the stage costumes in drama.

17. (a) How do plan setting for a story?

Or

(b) Explain the theatre set up of Snow white and the Seven Dwargs.

18. (a) Elaborate the special features of Shakespearean theatre.

Or

(b) Explain the theatre of One night at the call centre.

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**C – 5783**

**Sub. Code**

**91861**

**B.Sc. DEGREE EXAMINATION, APRIL 2022**

**Sixth Semester**

**Fashion Design**

**FASHION MERCHANDISING & MARKETING**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is fashion marketing?
2. What is fashion retailing?
3. What is market research? Give example.
4. Define market segmentation.
5. Why is marketing mix used?
6. What is sales promotion?
7. What is the importance of market measurement?
8. What is market demand?
9. Define merchandising.
10. What is sampling?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write down the origin of fashion industry in India.

Or

- (b) What are the departments in a garment industry?

12. (a) What is the need of market research?

Or

- (b) List out the benefits of market research.

13. (a) What is the role of public relation in fashion industry?

Or

- (b) Write down the importance of advertising in fashion industry.

14. (a) Explain market potential.

Or

- (b) What is market demand? How do determine market demand?

15. (a) What are the general activities of merchandising section in fashion industry?

Or

- (b) Write about the contents of order sheet.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Describe the organizational structure of garment industry.

Or

- (b) Explain the importance of marketing in garment industry.

17. (a) Write an essay on Garment costing and pricing strategies.

Or

- (b) Explain the role of media in fashion industry.

18. (a) Elaborate the various methods of sampling.

Or

- (b) Write an essay on marketing channel.
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**C – 5784**

**Sub. Code**

**91862**

**B.Sc. DEGREE EXAMINATION, APRIL 2022**

**Sixth Semester**

**Fashion Design**

**FASHION AND CLOTHING PSYCHOLOGY**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. How do clothes represent your personality?
2. What does fashion mean?
3. What are fashion laggards?
4. What is line adoption in fashion?
5. What is visual merchandising? Give example.
6. Write notes on window display.
7. What skills are needed to be a fashion designer?
8. Brief on Rohit khosla.
9. Who is the most famous designer in the world?
10. What are the four fashion capitals of the world?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write down the role of costume as a status symbol of the society.

Or

- (b) How do clothes enhance the sex appeal?

12. (a) Explain fashion motivation.

Or

- (b) What are the three major theories of fashion adoption?

13. (a) What are the different types of displays?

Or

- (b) What are the steps to be followed to organize a fashion show?

14. (a) What are the different types of fashion designer?

Or

- (b) Write about the Indian fashion designer Ritu Kumar.

15. (a) How do Indian fashion designers differ from world fashion designers?

Or

- (b) Is France the fashion capital of the world? – Justify.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) How do clothing affect us psychologically?

Or

(b) What are the factors influencing the change of fashion?

17. (a) Write an essay on Historic and ethnic costume.

Or

(b) Describe the elements of display.

18. (a) Write notes on:

(i) Anju Modi

(ii) Hemant Trivedi.

Or

(b) Explain fashion of Eastern countries.

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**C-5666**

**Sub. Code**

**17/18/19/24/25  
/26/27/28**

**Common for all UG B.Sc./B.B.A  
DEGREE EXAMINATION, APRIL 2022**

**First Year/ Second Semester**

**ENVIRONMENTAL STUDIES**

**(2016 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define Nature.
2. Name any two non - renewable energy resources.
3. What is conflicts?
4. Define overgrazing.
5. Write a note on sustainable life style.
6. What is Mega Diversity?
7. Define Hot spot.
8. What is Eutrophication'?
9. Make a note on noise pollution.
10. What is pollution?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Give an account on the importance of environmental studies.

Or

- (b) How do you make public awareness on environmental issues? Explain.

12. (a) Write about the future problems upon over utilization of ground water.

Or

- (b) How the modern agriculture practices affects the quality of food resources? Explain.

13. (a) Give a detailed account on the problems in using fertilizer and pesticides on environment.

Or

- (b) Write a note on the concepts of ecosystem.

14. (a) Explain the energy flow in a forest ecosystem.

Or

- (b) Briefly explain the value of Biodiversity.

15. (a) What are the major threats to the Biodiversity? Explain.

Or

- (b) How do you document an environmental issue during the field visit? Explain.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Give an account on utilization of renewable and non renewable energy resources.

Or

- (b) Discuss on the use of alternate energy resources for the future of the nation.

17. (a) Describe the in-situ and ex-situ method of Conservation of biodiversity.

Or

- (b) Give a detailed account on the status of Biodiversity at National and Global levels.

18. (a) Explain the control measures of Water pollution.

Or

- (b) Write in detail about hazards of radiation raised from Nuclear wastes.