

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

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 பெற்றமைக்கான 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,
APRIL2022

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 உத்திகைகள் '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-5655

Sub. Code

91323

B.Sc. DEGREE EXAMINATION, APRIL 2022

Second Semester

Aircraft and Maintenance Science

APPLIED PHYSICS

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is thin film?
2. State Brewster's law for reflection.
3. Write down Sabine formula and Define reverberation time.
4. Define population Inversion.
5. Define Miller Indices.
6. What are Newton rings?
7. Define length contraction.
8. What is holography?
9. List out types of optical Fibres.
10. State Meissner effect.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain in detail plane parallel thin films.

Or

- (b) Write a short note diffraction grating.

12. (a) Explain in detail dispersion in Nicol Prism.

Or

- (b) With neat sketch explain the Lorentz transformations.

13. (a) Briefly explain reverberation theory.

Or

- (b) Write a short note: Non Destructive Test.

14. (a) Describe in detail Ruby laser.

Or

- (b) Define total internal reflection and explain the propagation of light through a fibre cable.

15. (a) Write a short note: Superconductivity.

Or

- (b) Write a short note: Crystal defects.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain in detail, how you will calculate the Miller Indices of the crystalline structures.

Or

- (b) What is meant by radiative and non-radiative transitions? With neat illustration explain in detail semiconductor laser.
17. (a) Derive Sabine's formula for a Hall and let your suggestions about acoustic materials.

Or

- (b) Explain in detail Fraunhofer diffraction using single slit method.
18. (a) With neat illustration explain in detail inertial and non inertial frame of reference.

Or

- (b) Explain the principle and working of recording and re-recording of Holography technique.
-

C-5656

Sub. Code

91324

B.Sc. DEGREE EXAMINATION, APRIL 2022

Second Semester

Aircraft Maintenance Science

**PRINCIPLE OF ELECTRONICS AND ELECTRONICS
CIRCUITS**

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define resistor.
2. Compare inductance with capacitances.
3. What is intrinsic semiconductor?
4. What is a transistor?
5. Write a note on classification of amplifier.
6. Write a feature of power amplifier.
7. What is an oscillator?
8. What is clap oscillator? What is its practical merit?
9. What are the important characteristics of OP-AMP?
10. Define the term logic gate.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) What is the principal difference between adjustable and variable resistors?

Or

- (b) Describe the time constant for capacitors.

12. (a) What is a P-N junction? Explain clearly its properties.

Or

- (b) Explain the difference transistor configuration.

13. (a) Derive an expression for the effect of Class B power amplifier.

Or

- (b) Draw the circuit for a push pull amplifier and discuss its working.

14. (a) Explain Barkhausen criterion for sustained oscillations.

Or

- (b) Discuss the relative merits and demerits of the different types of oscillators.

15. (a) Explain briefly about half adder with their expression, truth table.

Or

- (b) Describe working principles of radio transmission.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) For a JFET having $g_m = 6\text{mS}$ at $V_{gs} = -1\text{V}$, find the value I_{DSS} , if $V_p = -2.5\text{V}$.

Or

- (b) Give $I_{DSS} = 9\text{mA}$ and $V_p = -3.5\text{V}$. find I_D , when
(i) $V_{gs} = 0$, (ii) $V_{gs} = -2\text{V}$, (iii) $V_{gs} = -3.5\text{V}$
(iv) $V_{gs} = -5\text{V}$
17. (a) What reason will you assign for higher conversion effect of class B amplifier as compared to class A amplifier?

Or

- (b) Explain with necessary diagram, the operation of Hartley oscillator.
18. (a) Draw and explain the performance characteristics of SCR.

Or

- (b) State and verify De Morgan's theorems.

C-5661

Sub. Code

91342

B.Sc. DEGREE EXAMINATION, APRIL 2022

Fourth Semester

Aircraft Maintenance Science

THERMODYNAMICS

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define Internal Energy.
2. What is the significance of Mass balance equation in SFEE?
3. Define Specific Heat at Constant Pressure.
4. What is ideal gas equation and its importance?
5. List out the types of Air-conditioning.
6. Write the few characteristics of refrigerant.
7. What is the difference between Otto cycle and Brayton cycle?
8. What is the purpose of intercooler in multistage compression?
9. Define Newton's third law of motion.
10. Write few advantages of turbo-propeller engine.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write short notes on “Law of conservation of Momentum”.

Or

- (b) Derive SFEE equation, and application compressor.

12. (a) What is called refrigeration cycle and write the C.O.P of refrigerator?

Or

- (b) Write short notes on ‘Refrigerants’.

13. (a) State the Avogadro’s law and its importance.

Or

- (b) Derive the equation of “Entropy change of an ideal gas”.

14. (a) What is polytrophic process and its importance?

Or

- (b) Write short notes on “Volumetric Efficiency of reciprocating compressor?”

15. (a) Write short notes on Crankshaft of reciprocating engine.

Or

- (b) Write the difference between closed and open cycle gas turbines.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) List out the points to be remember regarding heat transfer and work transfer.

Or

- (b) Prove that, Energy a property of a system.

17. (a) Derive the efficiency of Diesel Cycle.

Or

- (b) Write short notes on :

- (i) Enthalpy
(ii) Energy of an Isolated System?

18. (a) Calculate the minimum volume of air required to burn one Kg of coal having the following composition by weight

C = 72.4%, H₂ = 5.3%, N₂ = 1.81%, O₂ = 8.5%,
moisture = 7.2 % and S = 0.9%, ash = 3.9%.

Or

- (b) Explain the thermodynamic analysis of reciprocating compressor.
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C-5662

Sub. Code

91343

B.Sc. DEGREE EXAMINATION, APRIL 2022

Fourth Semester

Aircraft Maintenance Science

AIRCRAFT INSTRUMENTS AND COMPASS

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define dynamic counter display.
2. What is circular scale?
3. Write down the features of vertical speed indicator.
4. Define stall.
5. What are the types of gyroscope?
6. Define slip indicator.
7. Write the function of RPM indicator.
8. What is the principle of pressure gauges?
9. Write the law of magnetism.
10. What is compass scale?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Describe the operation principle of an LCD.

Or

- (b) Explain the difference between quantitative and qualitative displays.

12. (a) Explain the principle of pitot pressure measurement and how the $\frac{1}{2} \rho V^2$.

Or

- (b) Explain the stall warning system.

13. (a) Describe how pitch and roll attitudes are displayed by a gyro horizon.

Or

- (b) Explain the principle and operation of artificial horizon.

14. (a) Describe how the capacitance principle is applied to the measurement of fuel quantity?

Or

- (b) Explain in details about engine pressure ratio indicator.

15. (a) Define the two principal errors that can occur in the readings of a compass under aircraft operating conditions.

Or

- (b) Describe the construction of a typical direct reading compass.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Describe the operating principle of LED with neat sketch.

Or

- (b) With the aid of a simple diagram, describe the construction of a combined pitot and static pressure sensing probe?
17. (a) Describe how a rate gyroscope may be utilized to sense both banking and rate of turn?

Or

- (b) Describe about the terrestrial magnetism.
18. (a) Explain the principle and operation of mach meter.

Or

- (b) Describe the Altitude Alerting.

C-5663

Sub. Code

91344

B.Sc. DEGREE EXAMINATION, APRIL 2022.

Fourth Semester

Aircraft Maintenance Science

AIRCRAFT STRUCTURE AND SYSTEMS

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. List four types of station numbers.
2. What is a failsafe feature in a aircraft construction?
3. Name the primary control surfaces.
4. How does a controllable trim tab differ from a fixed tab?
5. What is the purpose of the follow up differential mechanism in a nose wheel steering system?
6. What is the purpose of an inflation cage?
7. What are the fluids used in aircraft hydraulic system?
8. What are the contaminations happening in hydraulic fluids generally?
9. Name the fuel system indicators.
10. What are the three types of fuel?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Discuss about the transport aircraft wing construction.

Or

- (b) Explain the following
(i) Center section
(ii) Pressure web
(iii) Empennage.

12. (a) Write about the primary control surfaces and its location in aircraft and axis of control with suitable diagrams.

Or

- (b) How the roll control is achieved. Explain with suitable diagram.

13. (a) Discuss about hulls and float with suitable diagram.

Or

- (b) Explain following:
(i) Truck
(ii) Drag link
(iii) Side brace link

14. (a) Explain about Hydraulic Power-driven Pump System.

Or

- (b) Explain about the pressure relief valves.

15. (a) Explain in detail about cross feed for four engine aircraft fuel system.

Or

- (b) Discuss about the fuel contamination control system.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain in detail about the aircraft fuselage types with suitable diagram.

Or

- (b) Explain about the procedure of the control surface balancing.

17. (a) Write in detail about types of landing gear with suitable sketch.

Or

- (b) Explain about following:

- (i) Properties of hydraulic fluid (3)
- (ii) Types of hydraulic fluid (2)
- (iii) Contamination of hydraulic fluid (3)
- (iv) Filter (2)

18. (a) What is the purpose of the check valves? Explain about its types.

Or

- (b) Explain about following:

- (i) Gravity feed system
- (ii) Pressure feed system.

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.
