

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 Sathrugna. Lakshmana was devoted to Rama and was always in his company; while Sathrugna 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-5938

Sub. Code

96323

B.Sc. DEGREE EXAMINATION, APRIL 2022.

Second Semester

Nutrition and Dietetics

PRINCIPLES OF NUTRITION

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is RDA and why is it important?
2. What is the recommended daily allowance of nutrition?
3. What is protein?
4. What food contains a high level of lipids?
5. What is meant by energy in food science?
6. What is the energy requirement?
7. What are the uses of magnesium?
8. What are the foods that contain micro-minerals?
9. What are the uses of vitamin K?
10. What is the function of niacin in the body?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Discuss the factors influencing RDA.

Or

- (b) Write a note on the functions and requirements of carbohydrates.

12. (a) Explain briefly about the functions of proteins and amino acids.

Or

- (b) Discuss briefly the evaluation of protein quality by PER and BV.

13. (a) Discuss the physiological energy value of foods.

Or

- (b) Write a note on energy requirements for physical activity.

14. (a) Explain the general functions of the minerals.

Or

- (b) Discuss the source, functions of the Copper and Zinc.

15. (a) Write a note on fat-soluble vitamins.

Or

- (b) Explain the source, effect of deficiency of folic acid and niacin.

Part C

(3 × 10 = 30)

Answer **all** the questions.

16. (a) Explain in details about recommended dietary allowances.

Or

- (b) Write a detailed account of the role of fibre in preventing disease.

17. (a) Discuss in detail about the source, classification, Functions of lipids.

Or

- (b) How to determine BMR? Explain the factors affecting the BMR?

18. (a) Discuss in detail about the source, functions, effect of deficiency of Calcium, Phosphors, Magnesium, Sodium and Potassium.

Or

- (b) Write a detailed note on Thiamine, Riboflavin, Vitamin B6, and Vitamin B12.

C-5939

Sub. Code

96324

B.Sc. DEGREE EXAMINATION, APRIL 2022.

Second Semester

Nutrition and Dietetics

NUTRITION FOR WOMEN

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is a balanced diet and what are benefits of it?
2. What are the causes of undernutrition?
3. Why is nutrition important for a pregnant woman?
4. What is the most common nutrient deficiency in pregnancy?
5. What is meant by lactation?
6. Define colostrums.
7. What are the benefits of nutrition for infants?
8. What are the uses of supplementary foods for infants?
9. What are the causes of zinc deficiency?
10. What are good health habits?

Part B

(5 × 5 = 25)

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

11. (a) Write a brief note on balanced diet.

Or

- (b) Explain the principles of nutrition.

12. (a) What are the physiological changes that take place during pregnancy?

Or

- (b) Explain the importance of nutrition during pregnancy.

13. (a) Explain the physiology and psychology of lactation.

Or

- (b) Write a brief account of nutrition during lactation.

14. (a) Write a note on nutritional care of infants.

Or

- (b) Discuss the advantages of breast-feeding.

15. (a) Explain in detail about nutritional problems for adolescent.

Or

- (b) Write a short note on food habits.

Part C

(3 × 10 = 30)

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

16. (a) Discuss in detail about over nutrition, undernutrition and malnutrition.

Or

- (b) Explain in detail about food and nutritional requirements during pregnancy.

17. (a) Write a detailed note on the nutritional requirements of a nursing mother.

Or

- (b) Explain food and nutritional requirements for infants.

18. (a) Discuss in detail about the importance of nutrition for adolescent.

Or

- (b) Write a note on:

- (i) Supplementary foods for infants
- (ii) Immunization

C-5940

Sub. Code

96325

B.Sc. DEGREE EXAMINATION, APRIL 2022

Second Semester

Nutrition and Dietetics

NUTRITION THROUGH LIFE CYCLE

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define Gestational Diabetes.
2. Any two physiological changes in nutrition during pregnancy.
3. Write the two hormone play a role in lactation.
4. Define lactation.
5. List out any two feeding problems for nutrition in infancy.
6. Two factors affecting nutritional status.
7. Any two benefits for nutrition in the school age children.
8. Define body composition.
9. Any two common nutrition related problems in the elderly.
10. Define obesity.

Part B

(5 × 5 = 25)

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

11. (a) Write a short note on weight gain in pregnancy.

Or

- (b) Explain the nutritional requirements and diet planning for pregnant women.

12. (a) Write an importance of nutrition tips for pregnant and lactating women.

Or

- (b) Explain the factors affecting pregnancy.

13. (a) Describe the weaning and supplementary foods.

Or

- (b) Write the nutrition important for preschool age.

14. (a) Explain briefly about diet plan for the school children.

Or

- (b) Give a brief account on nutritional requirements.

15. (a) Describe the nutrition and health issues.

Or

- (b) Explain the physiological changes nutrition in elderly.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Give a detailed account on factors influencing the outcome of pregnancy.

Or

- (b) Discuss in detail about the role of hormone in lactation.

17. (a) Write an essay on process of rate of growth and milestones in development for nutrition in infancy.

Or

- (b) Give a detailed account on feeding problems.

18. (a) Write an essay on nutrition requirements of adolescence.

Or

- (b) Discuss in detailed about the reference men and reference women.

C-5945

Sub. Code

96342

B.Sc. DEGREE EXAMINATION, APRIL 2022

Fourth Semester

Nutrition and Dietetics

DIETETICS — I

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define Dietetics.
2. Goals of diet therapy.
3. TPN.
4. Define anaemia.
5. Peptic ulcer.
6. Gastro-intestinal tract.
7. Any two symptoms of fatty liver.
8. Define metabolism.
9. Down's syndrome.
10. Define nutritional care.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write a short note on high calorie and low calorie.
Or
(b) Explain the specially modified therapeutic diets.
12. (a) Give a brief note on diet planning and preventive measures for PEM.
Or
(b) Give a short note on vitamin A deficiency.
13. (a) Describe the causes and pathogenesis of gastro intestinal tract.
Or
(b) Explain constipation.
14. (a) Explain the cirrhosis and hepatic coma.
Or
(b) Give a brief account on pancreas.
15. (a) Describe the overview of the disability and food needs of nutritional care for the children.
Or
(b) Explain Autism.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Give a detailed account on therapeutic adaptations of the normal diet.
Or
(b) Discuss in detail about the TPN.

17. (a) Describe the pathogenesis, dietary modifications and planning for overweight.

Or

- (b) Give a detailed account on Diarrhoea.

18. (a) Write an essay on gall bladder – cholecystitis, cholelithiasis.

Or

- (b) Discuss in detailed about the cerebral palsy.
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C-5946

Sub. Code

96343

B.Sc. DEGREE EXAMINATION, APRIL 2022

Fourth Semester

Nutrition and Dietetics

FOOD SERVICE MANAGEMENT I

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** the questions.

1. Describe “catering industry”
2. Write the objectives of mid-day meal programme.
3. List the characteristics of a Good Leader.
4. Define “food service organization”.
5. What do you mean by FSSAI?
6. Explain the terms of ‘Balance sheet’.
7. Mention any two importance of fuel economy.
8. What are the rules of a food services manager?
9. Define “sanitation”.
10. How will you dispose the food waste?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the types of catering services.

Or

- (b) Describe the salient features of volume feeding.

12. (a) What are the five principles for effective delegation?

Or

- (b) Enumerate the types of food service organization.

13. (a) Write a short notes on “Labour legislation”.

Or

- (b) Describe the importance of Bookkeeping and how will you maintain accounts book?

14. (a) Explain the different types of fuels used in cooking.

Or

- (b) As food service manager, what points will you consider for safety procedures?

15. (a) What are the safeguard measures will you suggest to maintain personal hygiene?

Or

- (b) Describe the importance of pest and rodent control in food services.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the principles of Food Service Management in Hostels and Hospitals.

Or

- (b) Elaborate the objectives and needs of school meal programme.

17. (a) Discuss the need and importance of Food Service Industry. Write about the tools of management.

Or

- (b) Explain the Labour laws governing food service establishment.

18. (a) Explain the need and importance of Training Programmes for employees in Food Service Sectors.

Or

- (b) Discuss the types of storages to be adopted for different food groups.
-

C-5947

Sub. Code

96344

B.Sc. DEGREE EXAMINATION, APRIL 2022

Fourth Semester

Nutrition and Dietetics

BAKERY AND CONFECTIONARY

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Write the composition of wheat grain.
2. Define “flour enrichment”.
3. Mention the role of egg in baking.
4. Which flour is best for baking? Why?
5. What kind of oven do you need to open a bakery?
6. Describe “oven”.
7. What is the difference between a loaf and bread?
8. List two common mistakes of cake making.
9. Define “cocoa”.
10. Name any two major components of Toffee.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write about the structure of wheat.

Or

- (b) Describe the classification of baked foods.

12. (a) Is baking soda a chemical leavening agent? Explain its role in baking.

Or

- (b) How does cocoa powder affect baking?

13. (a) Explain the types of oven.

Or

- (b) Why is it important to clean and maintain baking tools and equipment?

14. (a) Distinguish the types of icing.

Or

- (b) Describe the methods of biscuit making.

15. (a) How will you make hard boiled candies?

Or

- (b) How will you plan to prepare special confectionary foods?

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Discuss the factors to consider becoming a successful baker.

Or

- (b) Enumerate the importance of baking ingredients in baking.
17. (a) What are the factors to be considered when choosing a packaging material? Explain the criteria for selecting packaging materials?

Or

- (b) How do you set up a small bakery unit?
18. (a) Elaborate the methods of bread making.

Or

- (b) Explain the factors influencing the quality of the confectionary product.
-

C-5948

Sub. Code

96346

B.Sc. DEGREE EXAMINATION, APRIL 2022

Fourth Semester

Nutrition and Dietetics

**FOOD PRODUCT DEVELOPMENT AND MARKETING
STRATEGY**

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define food product development.
2. Principles of food product development.
3. Cost of production.
4. What is portion control?
5. Define storage stability evaluation.
6. Nursing mothers.
7. Define therapeutics
8. Concept of marketing.
9. Define market.
10. Define market promotion.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write a short note on concept of food habit product development.

Or

- (b) Explain the important and role of different research.

12. (a) Give a brief note on steps in product development.

Or

- (b) Briefly explain material resources based on market demand.

13. (a) Answer in detailed about the pregnant, old age.

Or

- (b) Explain the selection of judges.

14. (a) Explain briefly about the concept of market and marketing.

Or

- (b) Give a brief account on positioning of food products.

15. (a) Describe the market integration.

Or

- (b) Explain the market promotion.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Give a detailed account on standardization methods.

Or

- (b) Discuss in detail about the armed sources personnel and therapeutic uses.

17. (a) Write an essay on language, linguistic, regional.

Or

- (b) Give a detailed account on factors involved in food product development.

18. (a) Write an essay on Agricultural Marketing.

Or

- (b) Discuss in detailed about the food products.
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C-5951

Sub. Code

96353

B.Sc. DEGREE EXAMINATION, APRIL 2022

Fifth Semester

Nutrition and Dietetics

COMMUNITY NUTRITION

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. MMR
2. Anaemia
3. Malnutrition
4. Food fortification
5. CMNMP
6. Goitre
7. ICMR
8. FAO
9. Nutrition education
10. Elearning

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write an brief account on prevalence of common nutritional problems.

Or

- (b) Explain the synergism between malnutrition and infection.

12. (a) Write short note on Nutritious foods.

Or

- (b) Describe the importance of environmental sanitation.

13. (a) Discuss about Vitamin A deficiency diseases.

Or

- (b) Explain briefly about the impact of NNP.

14. (a) Describe the role of ICMR to combat malnutrition.

Or

- (b) Discuss about WHO.

15. (a) Give a brief account on elearning in nutrition education.

Or

- (b) Write a short on evaluation of nutrition education.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Elaborate the consequences of malnutrition.

Or

- (b) Explain the strategies to overcome malnutrition.

17. (a) Give an account on empowering women towards improving the nutritional status of family.

Or

- (b) Describe about the operation of nutrition intervention programmes in India.

18. (a) Explain in detail about the function of National organization concerned with food and nutrition.

Or

- (b) Describe about the methods of nutrition education.
-

C-5952

Sub. Code

96354

B.Sc. DEGREE EXAMINATION, APRIL 2022

Fifth Semester

Nutrition and Dietetics

TRADITIONAL HERBS IN FOOD SCIENCE

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Herbs
2. Spices
3. Taxonomy
4. Endomorphie
5. Alkaloids
6. Gums
7. Conventional method
8. List out any five Medicinal herbs
9. Kombucha
10. Food additives

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the modern era of traditional medicine.

Or

- (b) Describe the importance of herbal nutraceuticals.

12. (a) Write an brief account on Pharmacogonsy.

Or

- (b) Describe about Exomorphic and endomorphic characters of herbs.

13. (a) Give a short note on volatile oils and gums.

Or

- (b) Explain briefly about applications of TLC.

14. (a) Describe the reproductive conventional method of cultivation of herbs.

Or

- (b) Discuss the protocol of collection of herbs.

15. (a) Give a brief account on herbal fermented beverages.

Or

- (b) Explain the usage of herbs and grains in brewery industry.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Elaborate the historical background of traditional medicine.

Or

- (b) Discuss about taxonomic evidences of herbal plants.

17. (a) Give detailed account on identification of medicinal herbs.

Or

- (b) Discuss about the standardization of cultivation protocols of five selected herbs.

18. (a) Explain in detail about the drying and preservation of herbs.

Or

- (b) Write a detailed account on process of herbal extraction.
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C-5953

Sub. Code

96361

B.Sc. DEGREE EXAMINATION, APRIL 2022

Sixth Semester

Nutrition and Dietetics

BIOPROCESS TECHNOLOGY

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Which is upstream process?
2. What is meant by bioreactor?
3. What are fermented food?
4. What is the process of yeast fermentation?
5. What is the rate of reaction in enzymes?
6. What is the purpose of kinetics?
7. What are energetics in chemistry?
8. What is biomass is used for?
9. How many types of milk products are there?
10. How many days mushroom grow?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Enumerate the traditional applications of biotechnological process.

Or

- (b) What are the key steps in bioprocess, can you explain each step?

12. (a) Write the general requirements of fermentation process.

Or

- (b) State the application of fermentation in Nutraceutical Industry.

13. (a) Name the basic design and configuration of bioreactors.

Or

- (b) Mention about the order of enzyme kinetics.

14. (a) Outline the basic concepts and principles of stoichiometric modeling.

Or

- (b) List out the energy analysis of biomass production.

15. (a) What are the classifications of daily products?

Or

- (b) What is vinegar? How is it produced in Industry?

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain in detail about Upstream bioprocessing.

Or

- (b) Write the Aerobic and anaerobic fermentation process and their application in Nutraceutical Industry.

17. (a) Outline the Medium requirements for fermentation process and for Industrial fermentation.

Or

- (b) Illustrate the energetic analysis of microbial growth and product formation.

18. (a) Explain the Production of fermented beverages.

Or

- (b) Summarize about Single cell protein production and its application.

C-5954

Sub. Code

96362

B.Sc. DEGREE EXAMINATION, APRIL 2022

Sixth Semester

Nutrition and Dietetics

FOOD SAFETY, SECURITY AND ETHICS

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What do you mean by temperature control?
2. Define the term “food safety”
3. What are the food primary sources?
4. Mention any two bases of adverse health effects.
5. Write a note on food safety risk.
6. Determine the risk assessment and analysis.
7. Describe food standards.
8. What is ISO for food?
9. What are the food ethics? Give examples.
10. Write any two types of food preservation methods.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Discuss the importance of food safety and hygiene.

Or

- (b) Explain the purpose of food hygiene and safety control.

12. (a) Give details about the etiology and the preventive measures to control Biological hazards.

Or

- (b) Explain the uses of microorganisms in food industries with the suitable examples.

13. (a) How many steps are there in a food safety risk assessment? What is risk analysis in food industry?

Or

- (b) What is the difference between hazard and risk?

14. (a) What is the role of AGMARK in food standard?

Or

- (b) Write a short notes on :

(i) ISO

(ii) ISI

15. (a) Differentiate – Food Adulterants vs. Food additives with the suitable examples.

Or

- (b) Write a note about the principles of HACCP with the flowchart.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Elucidate the role of drying and low temperature in the process of food preservation with the suitable examples.

Or

- (b) Describe the different types of food contaminants and the preventive measures to be taken in order to reduce food contaminations.

17. (a) Explain food safety and standard act 2006.

Or

- (b) Explain the procedure for the formation of codex standards.

18. (a) Define – Food adulteration Explain about the different food adulterants, methods to identify and the preventive measures to take in order to reduce food adulteration.

Or

- (b) Explain about the different processing methods used to preserve perishable foods.

C-5955

Sub. Code

96363

B.Sc. DEGREE EXAMINATION, APRIL 2022

Sixth Semester

Nutrition and Dietetics

GENDER STUDIES

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define the term "Gender".
2. Define "Queer studies".
3. Describe "women's studies"
4. What is gender analysis?
5. Define "Gender Discrimination"
6. What is sex ratio?
7. Explain the term "Empowerment".
8. Explain – GAD.
9. What is domestic feminism?
10. Describe - Domestic violence.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write the concept of Gender studies.

Or

- (b) Difference between Sex and Gender.

12. (a) Explain the term Women's studies.

Or

- (b) Why is women's development important?

13. (a) Distinguish between Family and Home. What is the importance of female literacy?

Or

- (b) How can we reduce gender disparities?

14. (a) Explain the term "women's in development".

Or

- (b) What are the five objectives of the Millennium Development Goals?

15. (a) When was women's movement started in India? And what are the objectives of women's movement in India?

Or

- (b) Explain about maternity benefit act.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Describe the difference between gender equality and Gender Equity.

Or

- (b) Elaborate the UGC initiatives and guidelines for women's studies.

17. (a) Discuss the various problems of the Transgender.

Or

- (b) Elaborate the importance and principles of gender mainstreaming with examples.

18. (a) Discuss the Pre-Natal Diagnostic Techniques Act.

Or

- (b) Discuss about Domestic violence against women in India.
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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.