

C-7017

Sub. Code

11F

**COMMON FOR ALL U.G. DEGREE COURSES
EXAMINATION, NOVEMBER 2022**

First Year — First Semester

Part I — FRENCH

(2016 to 2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. La capitale de la France C'est _____ (Berlin/Paris)
2. Pour saluer le matin _____ (Bonfour/Merci)
3. Pour Lundi en englose _____ (Tuesday/Monday)
4. Nous _____ (I/we)
5. Name two monuments in France ?
6. Why is Paris is known as "VILLE LUMIERE"?
7. What is the currency of France ?
8. Why is the flag of France called "Tricolore"?
9. Why is France referred to as the "Hexagone"?
10. Ecrivez les nombres en lettres :
 - (a) 100 _____
 - (b) 200 _____

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Ecrivez les jours de la remanie.

OU

- (b) Ecrivez les mois de l'annee.

12. (a) Conjuguez le verbe "etre".

OU

- (b) Conjuguez le verbe "avoir".

13. (a) Conjuguez le verbe "Rester".

OU

- (b) Conjuguez le verbe "S"appller.

14. (a) Lister deractio en français.

OU

- (b) Liste hors saison en français.

15. (a) Enumerer Cinq Legumes en français.

OU

- (b) Enumerer Cinq fruits en français.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. Ecrivez les nombres

- (a) 1 to 25

OU

- (b) 25 × 50

17. (a) Decrit un paya “france”.

OU

(b) Ecrivez dix couleurs en française.

18. (a) Presente toi en minimum 03 paragraphe.

OU

(b) Decrivez votre jeu préféré au minimum 03 paragraphe.

C-7018

Sub. Code

11H

U.G. DEGREE EXAMINATION, NOVEMBER 2022

First Year/First Semester

Part I – Hindi

STORY, NOVEL, GRAMMAR AND TRANSLATION – I

(Common for all U.G. Degree Courses/First Semester)

(2016 to 2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

सभी प्रश्नों के उत्तर संक्षेप में लिखिए।

1. आनन्दी ने लालबिहारी की क्या शिकायत की थी?
2. रामू की माँ ने क्यों पंडितजी के पैर पकड़े?
3. लहनासिंह ने नकली लपटन को कैसे पहचाना?
4. मोहनलालजी महतो 'वियोगी' का संक्षिप्त परिचय दीजिए।
5. उदयभानुलाल और कल्याणी के बीच झगड़ा क्यों हुआ?
6. निर्मला से रुक्मणि का व्यवहार कैसा था?
7. नयनसुखराम ने तोताराम को क्या सलाह दिया?
8. कृष्णा की शादी किससे हुई ? और क्यों?

9. लिंग बदलिए।
(a) मालिक (b) कवि
(c) ठाकुर (d) विधवा
10. वचन बदलिए
(a) लड़की (b) आँख
(c) जू (d) माला

Part B

(5 × 5 = 25)

सभी प्रश्नों के उत्तर दीजिए।

11. (a) बेनिमाधव सिंह से श्रीकंठ का व्यवहार कैसा था?
या
(b) मिसरानी का चरित्र-चित्रण कीजिए।
12. (a) 'उसने कहा था' - इस कहानी में किसने किससे क्या कहा था?
या
(b) 'पाँच मिनट' कहानी का संदेश क्या है?
13. (a) मंसाराम की मृत्यु का जिम्मेदार कौन हैं? स्पष्ट कीजिए।
या
(b) भुवनमोहन सिन्हा ने क्यों आत्महत्या कर लिया?
14. (a) सियाराम साधू के जाल में कैसे फँस गया?
या
(b) रंगीलीबाई का चरित्र-चित्रण कीजिए।

15. (a) सर्वनाम किसे कहते हैं? उनके भेदों को उदाहरण सहित समझाइए।

या

(b) पुल्लिंग से स्त्रीलिंग बनाते के नियमों को उदाहरण सहित समझाइए।

Part C

(3 × 10 = 30)

सभी प्रश्नों के उत्तर विस्तार से लिखिए।

16. (a) प्रायश्चित्त कहानी का सारांश लिखकर विशेषताएँ बताइए।

या

(b) निर्मला का चरित्र-चित्रण कीजिए।

17. (a) संज्ञा किसे कहते हैं? उनके भेदों को उदाहरण सहित समझाइए।

या

(b) विशेषण की परिभाषा देकर उसके भेदों को उदाहरण सहित समझाइए।

18. (a) पाँच मिनट कहानी का सारांश लिखिए।

या

(b) अंग्रेजी में अनुवाद कीजिए।

वही समाज श्रेष्ठ है और वही राष्ट्र सुखी है जिसकी जनता का चरित्र अच्छा हो। आज के बालक कल के नागरिक हैं। इसलिए उनके चरित्र का निर्माण करना समाज और राष्ट्र का पहला कर्तव्य है।

में पिताजी की बहुत इज्जत करता था। मैं उन्हें बल, साहस और होशियारी की मूर्ति समझता था और दूसरों के मुकाबले में उन्हें बहुत ही ऊँचा और बड़ा-चढ़ा पाता था।

कौए के संबन्ध में एक रोचक कथा है। कहते हैं, एक बार वह कोयल का बाना धारण करके चारों ओर लोगों की आँखों में धूल झोंकता फिरा। कई मास ऐसे ही बीते। जब वसंत आया, तो असली कोयल ने तो पंचम स्वर में गाना आरंभ कर दिया, पर कोयल चुप रहा।

C-7016

Sub. Code

11T

U.G. DEGREE EXAMINATION, NOVEMBER 2022.

First Year / First Semester

Tamil – Part-I

தமிழ்ச் செம்மொழியும் தமிழர்களின் பன்முகத்திறனும்

(Common for all UG Degree courses)

(2016 to 2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

பகுதி அ

(10 × 2 = 20)

அனைத்து வினாக்களுக்கும் விடையளிக்கவும்.

1. தனிநிலைமொழி என்றால் என்ன?
2. தமிழைச் செம்மொழி என்று முதலில் கூறிய வெளிநாட்டு அறிஞர் யார்?
3. செம்மொழி நூல்களில் உள்ள இலக்கணநூல்களைக் கூறுக.
4. வண்ண ஆடை என்பதென்ன?
5. குழந்தைகளின் அணிகலன்களைக் குறிப்பிடும் இலக்கியச்சான்று ஒன்று காட்டுக.
6. தமிழ் இலக்கியங்கள் காட்டும் இசைக்கருவிகள் இரண்டினைச் சுட்டுக.
7. நடுகல் - குறிப்பு வரைக.
8. நாள், கோள் பற்றிய நம்பிக்கைகள் பண்டைக் காலத்தில் இருந்தமைக்குச் சான்று ஒன்று காட்டுக.

9. உடற்பயிற்சி பற்றிக் கூறும் அறநூலைச் சுட்டுக.

10. புல்லரிசி என்பதென்ன?

பகுதி ஆ

(5 × 5 = 25)

அனைத்து வினாக்களுக்கும் விடை தருக.

11. (அ) மொழிக்குடும்பங்கள் பற்றி எடுத்துரைக்க.

(அல்லது)

(ஆ) செம்மொழிக்களைத் தகுதிகளை விரித்துரைக்க.

12. (அ) ஒற்றை ஆடை, இரட்டை ஆடை, என்பதென்ன? சான்றுடன் விளக்குக.

(அல்லது)

(ஆ) காலத்திற்கு ஏற்ற உடை என்பது குறித்து எடுத்துரைக்க.

13. (அ) சங்க இலக்கியங்கள் வழி அறியப்படும் அணிகலன்களுக்குச் சான்று காட்டி விரித்துரைக்க.

(அல்லது)

(ஆ) ஆண்கள் அணியும் அணிகலன்களாக இலக்கியங்கள் குறிப்பிடுவற்றைச் சான்றுடன் எடுத்துரைக்க.

14. (அ) ஒவியக்கலை பண்டைக்காலத்தில் சிறப்புற்றிருந்தமைக்கு இலக்கியச் சான்று காட்டுக.

(அல்லது)

(ஆ) சிலம்பில் மாதவி ஆடும் ஆடல்களை விரித்துரைக்க.

15. (அ) செம்மொழி இலக்கியங்களில் காணலாகும் அறிவியல் சிந்தனைகள் எடுத்துரைக்க.

(அல்லது)

(ஆ) இலக்கியங்கள்வழி அறியலாகும் நீர்மேலாண்மை குறித்து எடுத்துரைக்க.

பகுதி இ

(3 × 10 = 30)

அனைத்து வினாக்களுக்கும் விடை தருக.

16. (அ) தமிழன் தொன்மை குறித்துக் கட்டுரைக்க.

(அல்லது)

(ஆ) சங்க இலக்கியங்கள் செம்மொழித் தகுதி பெற்றிருப்பதனைச் சான்றுடன் நிறுவுக.

17. (அ) பண்பாட்டைப் போற்றுவதில் செம்மொழி இலக்கியங்கள் பெறும் இடம்குறித்துக் கட்டுரை வரைக.

(அல்லது)

(ஆ) இலக்கியங்களில் ஆடைகள் - கட்டுரை வரைக.

18. (அ) அணிகலன்கள் பற்றிய பழந்தமிழ் இலக்கியப் பதிவுகளைச் சான்றுடன் விளக்கி வரைக.

(அல்லது)

(ஆ) நடனக்கலை சிறப்புற்றிருந்தமைக்குச் சிலப்பதிகாரம் சான்றாதலை விளக்கியுரைக்க.

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-7021

Sub. Code

21F

B.Sc./B.B.A. DEGREE EXAMINATION, NOVEMBER 2022.

Second Year — Second Semester

Part I — 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. Comment vas-tu?
2. Ça fait longtemps, comment vas-tu?
3. Comment t'appelles-tu?
4. Je m'appelle Peter. Comment t'appelles-tu?
5. Quel est ton numéro de téléphone?
6. J'aimerais t'appeler. Quel est ton numéro de téléphone ?
7. Quel âge as-tu?
8. Tu dois avoir 21 ans pour rentrer ici. Quel âge as-tu ?
9. D'où venez-vous?
10. Vous semblez être britannique. D'où venez-vous?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) énumérer 05 légumes en français.

Ou

- (b) Lister 05 fruits en français.

12. (a) Écrire la saison en français.

Ou

- (b) Écrire les instructions en français.

13. Écrire les noms de pays en français :

- (a) (i) India
(ii) Japan
(iii) China
(iv) Italy
(v) Rome.

Ou

- (b) (i) Denmark
(ii) London
(iii) Australia
(iv) Europe
(v) Sweden.

14. Écrire des nombres en français :

- (a) (i) 100
(ii) 200
(iii) 300
(iv) 400
(v) 500.

Ou

- (b) (i) 50
- (ii) 65
- (iii) 70
- (iv) 80
- (v) 90.

15. (a) Ecrire les membres de la famille en français.

Ou

(b) Ecrire les jours d'une semaine en français.

Part C (3 × 10 = 30)

Answer **all** questions.

16. (a) Ecrire des alphabets en français.

Ou

(b) Ecrire les mois de l'année en français.

17. (a) Ecrivez les nombres de 1 à 25 en français.

Ou

(b) Ecrivez les nombres de 25 à 50 en français.

18. (a) Présente-toi en français.

Ou

(b) Expliquez votre ville natale en français.

C-7022

Sub. Code

21H

U.G. DEGREE EXAMINATION, NOVEMBER 2022

Second Year/Second Semester

Part I – Hindi – II

HINDI II — PROSE, GRAMMAR AND
TRANSLATION – II

(Common for all U.G. Degree Courses)

(2016 to 2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

सभी प्रश्नों के उत्तर संक्षेप में लिखिए।

1. वह कौन-सी वस्तु है जो विभिन्नता में एकता बनाये हुए है?
2. घृणा और भय में क्या सम्बन्ध है?
3. लेखक ने रजिया को अंतिम बार किस रूप में देखा?
4. 'मक्रील' कहानी की भाषा पर प्रकाश डालिए।
5. 'बहता पानी निर्मला' पाठ का निष्कर्ष क्या है?
6. गाँधीजी के प्रधान सिद्धांत क्या है?
7. यात्रा के कौन-कौन तरीके हैं? वे क्या है?
8. भारत के सम्बन्ध में गाँधीजी की कल्पना क्या थी?

9. चुड़िहारिन के पेशे में क्या विशेषतायें होनी चाहिए?
10. घृणा किस प्रकार की मनोवृत्ति है और यह किसके लिए सिरजी गयी है?

Part B

(5 × 5 = 25)

सभी प्रश्नों के उत्तर लिखिए।

संदर्भ सहित व्याख्या कीजिए।

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

या

- (b) कौन नहीं जानता कि वही विष, जो प्राणों का नाश कर सकता है, प्राणों का संकट भी दूर कर सकता है।

12. (a) और गोरे चेहरे तो मिले हैं, किंतु इनकी आँखों में जो एक अजीब किस्म का नीलापन दिखा, वह कहाँ?

या

- (b) समीप खड़ी एक युवती को देख, भद्रता से टोपी छूते हुए उसने पूछा, 'आप भी इसी होटल में ठहरी हैं'।

13. (a) 'जनाब, अपना बोरिया-बिस्तर समेटिका और ज़रा चलते-फिरते नज़र आइये' यह आप का अपमान नहीं है।

या

- (b) वे झोपडियों में रहते, नंगे पैर चलते, एक धोती-भर पहनते।

व्याकरण

14. (a) अपूर्ण क्रिया से क्या मतलब है? उदाहरण दीजिए।

या

- (b) काल की दृष्टि से क्रिया के भेदों को उदाहरण सहित स्पष्ट कीजिए।

15. (a) 'ने' विधि का प्रयोग समझाइए।

या

(b) संभाव्य भविष्यत् काल किन अर्थों में प्रयुक्त होता है?

Part C

(3 × 10 = 30)

सभी प्रश्नों के उत्तर दीजिए। उत्तर विस्तार से हो।

16. (a) 'जीवन में घृणा का स्थान' पाठ का सारांश लिखिए।

या

(b) 'राष्ट्रपिता महात्मा गाँधी' पाठ का सारांश लिखिए।

17. (a) 'क्रिया विशेषण' किसे 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. हिन्दी में अनुवाद कीजिए।

(a) Many people say that the climate of England and that of Kodaikanal are almost the same. You do not have as much heat at Kodaikanal, as you have at Ooty during the day-time. The temperature at night is also not so cold as at Ooty. The natural scenery of Kodaikanal is just like that of England. But on account of better travel facilities more people go to Ooty. Hence there is more calm at Kodaikanal than at Ooty.

या

- (b) Everyone has a right to have enough good food to eat, if he earns it by his work. Here the state has a great responsibility. It must try to find food for all the people, to be sold at prices which they can afford to pay. The Government should, therefore, try to improve food production by helping the farmers in many ways.
-

C-7020

Sub. Code

21T

UG DEGREE EXAMINATION, NOVEMBER 2022

Second Year / Second Semester

Part I – இலக்கணமும் படைப்பிலக்கியமும்

Tamil

Common for all UG Degree Course

(2016 to 2018 onwards)

Duration: 3 Hours

Maximum : 75 Marks

பகுதி அ

(10 × 2 = 20)

அனைத்து வினாக்களுக்கு விடையளி.

1. முதலெழுத்துக்கள் என்பவை எவை?
2. மொழியிறுதி எழுத்துக்கள் யாவை?
3. புதுக்கவிதையின் இலக்கணம் பற்றி வரைக.
4. மீராவின் கவிதைத் திறன் குறித்துரைக்க.
5. தமிழ்ச் சிறுகதைத் தோற்றம் குறித்து எழுதுக.
6. அசோகமித்ரனின் சிறுகதைப் பாங்கு யாது?
7. 'வலைப்பூ' - விளக்குக.
8. கவிதையின் அமைப்பு பற்றி எழுதுக.
9. இணையமும் தமிழும் - குறிப்பு வரைக.
10. படைப்பில் – கற்பனை பெறும் இடம் யாது?

அனைத்து வினாக்களுக்கு விடையளி.

11. (அ) சார்பெழுத்துக்களின் வகைகளை விவரி.

(அல்லது)

(ஆ) வல்லினம் மிகா இடங்களைக் காட்டுக.

12. (அ) மு. மேத்தா வைகறை கவிதையில் உரைப்பனவற்றைத் தருக.

(அல்லது)

(ஆ) வைரமுத்துவின் கவிதைச் சிறப்பினைத் தருக.

13. (அ) சாபவிமோசனம் கதைக் கருவை விவரி.

(அல்லது)

(ஆ) பரிசு கதையில் காணப்படும் சமூக உணர்வுகளைத் தெளிவுபடுத்துக.

14. (அ) மின் நூலகம் குறிப்பு வரைக.

(அல்லது)

(ஆ) இணையமும் தமிழ் வளர்ச்சித் துறையும் பற்றி விளக்குக.

15. (அ) இன்றைய சிறுகதைகளின் நிலை யாது?

(அல்லது)

(ஆ) இணைய வளர்ச்சி குறித்து ஆய்க.

பகுதி இ

(3 × 10 = 30)

அனைத்து வினாக்களுக்கு விடையளி.

16. (அ) உடம்படுமெய் பற்றி விவரிக்க.

(அல்லது)

(ஆ) மொழிமுதல் எழுத்துக்களைச் சான்றுடன் விளக்குக.

17. (அ) சிறுகதை வளர்ச்சி குறித்து மதிப்படுக.

(அல்லது)

(ஆ) புதுக்கவிதையின் தோற்றமும் வளர்ச்சியும் பற்றி ஆய்க.

18. (அ) மின்னஞ்சல் என்பதனை விளக்குக.

(அல்லது)

(ஆ) 'மூத்தோர் சொல்' எனும் தலைப்பில் சிறுகதை படைக்க.

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-7024

Sub. Code

31

**COMMON FOR ALL U.G. DEGREE COURSES
EXAMINATION, NOVEMBER 2022**

Third Semester/Third Year

Part II — ENGLISH

COMMUNICATIVE SKILLS

(2016 to 2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is meant by non-verbal communication?
2. How do you manage noise situation on your presentation?
3. Frame Question for the following sentences.
 - (a) I would like to become an investigating agent.
 - (b) He had worked here for the past ten years.
4. Define Homophones.
5. Give two example for wrong position of adverb.
6. What is the main use of interjections?
7. What are called consonants?
8. What is meant by rising intonation?
9. What are the benefits of skimming?
10. Mention any two mechanics of good handwriting.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write a paragraph on non-verbal communication.

Or

- (b) What are the ways of challenging the barriers of communication?

12. (a) Write a short note on homophones with examples.

Or

- (b) Change the following active sentences into passive voice.

(i) I did not beat her.

(ii) I will never forget this experience.

(iii) Mother made a cake yesterday.

(iv) The tiger was chasing the deer.

(v) She has written a novel.

13. (a) Write a note on wrong position of adverbs.

Or

- (b) Write in short on some confused use of adjectives.

14. (a) Write a note on primary stress with proper examples.

Or

- (b) Describe the general use of intonation.

15. (a) What are the uses of silent reading?

Or

(b) What is the role of SQ3R in communication?

Part C (3 × 10 = 30)

Answer **all** questions.

16. (a) Discuss in detail on effective ways of communication.

Or

(b) Write an essay on barriers to communication and effective ways to overcome the barriers.

17. (a) Write briefly on the following :

- (i) Phrasal verbs
- (ii) Conditional clause.

Or

(b) Write an essay on common confusions of parts of speech.

18. (a) Write an essay on the types of reading and developing reading strategies.

Or

(b) Explain briefly on mechanics of good handwriting.

C-7025

Sub. Code

41

U.G. DEGREE EXAMINATION, NOVEMBER 2022

Fourth Semester

Part II — English

EMPLOYABILITY SKILLS

(Common for all UG Degree Courses)

(2016 to 2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** following questions.

1. How do you introduce a person in a public meeting?
2. What is meant by head to foot appearance?
3. Why do we write letters?
4. What are the basic elements for writing job application?
5. What are the different types of greetings?
6. Define portfolio.
7. What is meant by oral composition?
8. What are the three main parts of a composition?
9. Define kinesics.
10. What are the technical elements for using video aids for communication?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write in short on telephonic etiquettes.

Or

- (b) Describe in short on head to foot appearance.

12. (a) What are the important aspects on resume writing?

Or

- (b) Write a letter to the editor about your street road's poor condition.

13. (a) Write in short on merits of e-mail.

Or

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

14. (a) Write briefly on written composition.

Or

- (b) Write a paragraph on 'e-waste'.

15. (a) Write in short on gesture.

Or

- (b) Describe in short on the uses of visual aids.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Write an essay on interview techniques and head to foot appearance while attending interview.

Or

- (b) Write a letter to the manager for the post of sales officer along with your resume.

17. (a) Write an essay on preparing portfolios and its various types.

Or

- (b) Write a review for two books that you recently read.

18. (a) Read the passage below and then answer the following questions.

One day, my father talked to his phone for a long time his airtime got used up before he could end his talk. He was conversing with his workmate, Mr. Obadiya. He decided to send me to buy more airtime.

Using My bicycle, I rode as fast as a horse. I returned within ten minutes with airtime. When I reached home, I found my father busy listening to the news on radio. He was so attentive that he did not want any disturbance. He therefore, gave me the mobile phone to load the airtime for him.

I was excited because I was going to do so for the first time. I got the airtime card and scratched it. Since I did not know what to do after scratching, I opened the phone. Then I took it to my father thinking I had done the right thing.

My father immediately tried to call his friend. He dialed repeatedly but the call could not go through. "Have you loaded the airtime"? he asked me. I responded happily that I had loaded it. As he removed the battery, the airtime card dropped on the floor. "Oh my son! you did not know how to load airtime !" he laughed. I was disappointed that I did not load airtime for my father. He realized that I was sad. He held me in his arms and said, "don't worry my son. Let's do it together". Then he loaded as I was watching. I was very happy to learn how to load airtime.

Questions for composition :

- (i) What happened to the airtime of the father?
- (ii) Why did the writer go to the shop?
- (iii) When the writer brought airtime, what was his father doing?
- (iv) Why was the writer excited?
- (v) Why did the writer get disappointed?

Or

- (b) Write an essay on different types of visual aids.

C- 7019

Sub. Code

91411/12

U.G. DEGREE EXAMINATION, NOVEMBER 2022

First Year / First Semester

Part II — English

PROSE AND COMMUNICATION 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. Who is compared to the man who stumbles through his lessons?
2. What are the leadership quality according to Indira Gandhi?
3. Life is a —————
4. What is the main theme of the story “Crime and Punishment”?
5. Name the book which is about recipes as mentioned by Atwood?
6. What is the duty of each community in the view point of Sarojini Naidu?
7. Define Simple Present Tense.

8. Fill in the blanks with correct adjectives :

(a) Elephant is the ——— animal.

(b) She is a ——— lady.

9. Define definite article.

10. Fill in the blanks using correct modals :

(a) ——— I go?

(b) He ——— follow the rules.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write a short note on quality education leads to attain excellence.

Or

(b) Why does Indira Gandhi insist that youth are the backbone of India?

12. (a) Why was Balfour organized when he had to make a speech?

Or

(b) Describe the relationship between the student and the teacher.

13. (a) Why did Atwood prefer animal stories?

Or

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

14. (a) Explain the uses of simple past and past continuous Tense with examples.

Or

(b) What is Noun? What are the types of Nouns? Explain.

15. (a) Identify the pattern of the following sentences :

- (i) I was working in my father's company.
- (ii) Quality education is a must one.
- (iii) He bought many books about the country.
- (iv) The men have worked for five hours.
- (v) I will meet you there in a moment.

Or

(b) Fill in the blanks with the correct article :

- (i) I saw ——— tiger.
- (ii) This is ——— purse she presented me.
- (iii) The function was quite ——— success.
- (iv) ——— family sits for lunch.
- (v) This car runs at sixty kilometers ——— hour.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) What are Livingstone's views on education?

Or

(b) Write an essay on "On the Power of Youth".

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

Or

(b) What is the moral of the story "Crime and punishment? Elucidate.

18. (a) Fill in the blanks with correct adverbs from the box:
(usually, never, once, always, often, mostly, very, sometimes, occasionally, rarely)
- (i) I _____ go to bed at 10 O' clock.
 - (ii) I have _____ been to the USA.
 - (iii) I have been to Australia Just _____
 - (iv) I _____ take a bath before I go to bed.
 - (v) My grand-parents live in Kerala. I visit them _____
 - (vi) My friends are _____ non-smokers.
 - (vii) I was _____ impressed with her.
 - (viii) I _____ go for a walk in the park.
 - (ix) I watch English films _____
 - (x) They _____ go out.

Or

- (b) Fill in the blanks with appropriate prepositions :
- (i) The old man sat _____ the chair.
 - (ii) He jumped _____ the wall.
 - (iii) He has been singing here _____ 8 O' clock.
 - (iv) He earned more _____ his sister.
 - (v) He ran _____ the room.
 - (vi) He is walking _____ the road.
 - (vii) The pries knelt _____ the altar as the bride stood by him.
 - (viii) _____ sweets the corporation building there is a hotel.
 - (ix) He spoke _____ the independence of India.
 - (x) The wholesaler gives commission _____ 25%.

C-7247

Sub. Code

96313

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022.

First Semester

Nutrition and Dietetics

FOOD SCIENCE

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is the fastest way to cure malnutrition?
2. What causes Overnutrition?
3. What is meant by malting process?
4. What are cereals give examples?
5. What are pigments used for?
6. What is the purpose of enzymatic browning?
7. What is called pasteurization?
8. What are the poultry products?
9. What is the hydrogenation process?
10. What are the products of sugar?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) What is balanced diet and its importance?

Or

- (b) What is the difference between hunger appetite and satiety?

12. (a) Mention briefly about wheat and rice products.

Or

- (b) What are the factors affecting cooking quality of pulses?

13. (a) Write the changes during ripening of fruits.

Or

- (b) Distinguish between fat soluble and water soluble pigments.

14. (a) Draw the structure and write the composition of Egg.

Or

- (b) Mention about the different types of meat.

15. (a) Elaborate about plasticity and winterization.

Or

- (b) Do spices have health benefits? Explain in detail.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Elaborate about the moist and dry heat methods of cooking.

Or

- (b) Describe about enrichment and fortification of cereals and flours.

17. (a) Write the classification, nutritive value and changes during ripening of fruits.

Or

- (b) Write the Structure, Composition and Nutritive Value of Fish. What are the selection criteria for a fish?

18. (a) Describe about Edible fats and oil processing.

Or

- (b) Explain in detail about crystallization and factors affecting crystallization of sugars.
-

C-7248

Sub. Code

96314

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022.

First Semester

Nutrition and Dietetics

FOOD MICROBIOLOGY

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Microscopy
2. Virus
3. pH
4. Gaseous atmosphere
5. Spoilage
6. Milk and milk products
7. Preservation
8. Sugar and sugar products
9. Sauerkraut
10. Soy based foods

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write the principle and applications of light microscopy.

Or

- (b) Explain the general morphology of algae.

12. (a) What is growth? Explain the growth affecting intrinsic factor.

Or

- (b) Write a short note on (i) Anti microbial barrier
(ii) Redox potential.

13. (a) Give a brief account on the canned food.

Or

- (b) Explain briefly about preservation of meat and meat products.

14. (a) Describe about Microbiology of perishable foods.

Or

- (b) Describe the spoilage of milk and milk products.

15. (a) Write a brief note on curd and cheese.

Or

- (b) Explain about microbial biomass.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Define Microbiology. Explain the history of microbiology in detail.

Or

- (b) Explain the general morphology of virus.

17. (a) Give an account on growth multiplication of growth curve.

Or

- (b) Discuss about batch and continuous culture.

18. (a) Explain in detail about the spoilage and preservation of sugar and sugar products.

Or

- (b) Describe about alcoholic beverages and vinegar.
-

C-7249

Sub. Code

96315

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022.

First Semester

Nutrition and Dietetics

FOOD CHEMISTRY

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Foams
2. Emulsification
3. Syneresis
4. Sugar cookery
5. Gluten
6. Animal protein
7. Rancidity
8. Winterization
9. Pectins
10. Fat soluble pigments

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write a short note on water activity in foods.

Or

- (b) Explain the determination of moisture content in Foods.

12. (a) Write an brief account on components of starch.

Or

- (b) Describe about Non Enzymatic Browning.

13. (a) Give a brief account on properties of egg protein.

Or

- (b) Explain briefly about chemistry of milk protein.

14. (a) Discuss about the shortening power of fats.

Or

- (b) Describe the factor affecting fat absorption in foods.

15. (a) Give a brief account on chemistry of pectic substance.

Or

- (b) Explain the water soluble pigments.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Elaborate the physico-chemical properties of foods.

Or

- (b) What are the types of candies? Explain the action of acid, alkali and enzymes.

17. (a) Give an account on effect of soaking, fermentation and germination on pulse proteins.

Or

- (b) Discuss about the chemistry of fats and oils.
18. (a) Explain in detail about the volatile compounds from cooked vegetables.

Or

- (b) Describe about the different types of plant pigments.
-

C-7250

Sub. Code

96316

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022.

First Semester

Nutrition and Dietetics

FUNDAMENTALS OF BIOCHEMISTRY

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define- acid and base.
2. What is water balance?
3. What are homo- and hetero polysaccharides?
4. Write the physical and chemical properties of fat.
5. Define- peptides
6. What is protein denaturation?
7. What is topoisomerase?
8. What is purine and pyrimidine?
9. Define- coenzymes.
10. Write the general properties of enzymes.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the concept of pH.
Or
(b) Write a short note on 'buffer'.
12. (a) Illuminate the chemical properties of monosaccharide.
Or
(b) Classify the various types of fatty acids.
13. (a) Write a short notes on Essential and non-essential amino acids.
Or
(b) Give an account of functional properties of protein.
14. (a) Describe the structure of RNA.
Or
(b) Explain the process of DNA replication.
15. (a) What are co-enzymes? Write briefly on the role of coenzymes in enzyme action.
Or
(b) How do you derive Lineweaver-Burk equation?

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Enumerate the process non-covalent interactions.
Or
(b) Classify carbohydrates giving examples for each class.

17. (a) Elaborate the structure and physico-chemical properties of amino acids.

Or

- (b) Explain the function and properties of DNA.
18. (a) Discuss the classification of enzymes according to IUB system. Give examples for each class.

Or

- (b) Discuss the two models of enzyme-substrate binding.
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C-7023

Sub. Code

91421/22

U.G. DEGREE EXAMINATION, NOVEMBER 2022.

Second Year – Second Semester

Part II – English

**PROSE, EXTENSIVE READING AND COMMUNICATION
SKILLS**

(Common for all UG Degree Courses)

(2016 onwards to 2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is Forster's attitude towards Mr. Rumble?
2. How long did it take to make orthosis 300 gm callipers?
3. When did Indians first have the vision of freedom?
4. How did Gandhi become enshrined?
5. How was Lynd converted to nationalism?
6. What is discipline of reality?
7. What is the function of an adverb?
8. Give two example of pronouns.
9. Give two examples of demonstrative pronouns
10. What are three types of conjunctions?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write brief note on Dr. Kalam's third vision.

Or

- (b) What are the two ways in which science benefits man?

12. (a) How does Nehru close his speech?

Or

- (b) What is discipline of reality? How does a child learn realities?

13. (a) Comment on the theme of *After Twenty Years*.

Or

- (b) Write the note on the character sketch of the astrologer.

14. (a) Fill in the blanks by adding adverbial clauses.

(i) You will win his favour _____.

(ii) _____ he is strong.

(iii) This is good _____.

(iv) _____ we must try.

(v) We eat _____.

Or

- (b) Define types of pronouns with examples.

15. (a) Change into Direct speech:
- (i) Shivani asked me how I could lift it.
 - (ii) Leela ordered her servant not to clean it.
 - (iii) He said that Kevin should come.
 - (iv) She said that rain had fallen last night.
 - (v) He asked me where I lived.

Or

- (b) Write a short note on three types of comparisons.

Part C (3 × 10 = 30)

Answer **all** questions.

16. (a) Write an essay on the conflict between the state and the artist.

Or

- (b) Write about Dr. Kalam's contribution to Indian education.

17. (a) Sum up Plato's contradictory views on the artist's role in society.

Or

- (b) How does Nehru react to Gandhi's death? How does he finally reconcile himself to it?

18. (a) Explain Pronoun and its kinds with example.

Or

- (b) Write short notes on adverbial clauses and its types with examples.

C-7251

Sub. Code

96323

B.Sc. DEGREE EXAMINATION, NOVEMBER 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 meant by dietary fibre?
2. What is an unhealthy blood sugar level?
3. Where is a protein found?
4. What are the uses of lipids?
5. What is the main source of energy for the human body?
6. What is the energy requirement?
7. What is meant by micro-minerals?
8. What are the consequences of a lacking in iron?
9. What are the uses of vitamin A?
10. Which is the main source of vitamin B12?

Part B

(5 × 5 = 25)

Answer **all** questions.

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

Or

- (b) Explain the factors influencing recommended dietary allowances.

12. (a) Discuss briefly the evaluation of protein quality by PER and BV.

Or

- (b) Elucidate the major functions of amino acids.

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

Or

- (b) Write a brief account of the physiological energy value of foods.

14. (a) What is meant by minerals? How they are classified? Explain their general functions.

Or

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

15. (a) Discuss the source, functions and effect of deficiency of Vitamin A and K.

Or

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

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) What is meant by RDA? Write a detailed account on RDA.

Or

- (b) Explain the functions and requirements of carbohydrates.
17. (a) Write a detailed note on the source, classification, functions of lipids.

Or

- (b) What is meant by BMR? Explain in detail about the determination and factor affecting BMR.
18. (a) Explain in detail about the source, functions, effect of deficiency of Calcium, Phosphorus, Magnesium, Sodium and Potassium.

Or

- (b) Explain the detailed account on Thiamine, Riboflavin, Vitamin B6 and Vitamin B12.
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C-7252

Sub. Code

96324

B.Sc. DEGREE EXAMINATION, NOVEMBER 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. Define Marasmus and Kwashiorkor.
2. What is meant by RDA?
3. What is the role of nutrition for a pregnant woman?
4. What are the causes of anaemia?
5. What is meant by lactation?
6. What are the uses of colostrums?
7. Why nutritious food required for infants?
8. Define supplementary foods.
9. What foods prevent birth defects?
10. What are fruits contain rich in nutrition?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Describe in detail about over nutrition, undernutrition and malnutrition.

Or

- (b) Describe the principles of nutrition.

12. (a) Explain the importance of nutrition during pregnancy.

Or

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

13. (a) Describe nutrition during lactation.

Or

- (b) Discuss briefly physiology and psychology of lactation.

14. (a) What are the benefits of breastfeeding?

Or

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

15. (a) What are the problems occurring due to the lack of nutrition for adolescents?

Or

- (b) Write a short note on Immunization.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Write a detailed account of nutrients and their functions.

Or

- (b) Discuss in detail about physiological changes that take place during pregnancy.

17. (a) Explain in detail about the nutritional requirements of a nursing mother.

Or

- (b) Describe in detail about the nutritional care of infants.

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

Or

- (b) Explain the detailed account on (i) Food habits
(ii) Supplementary foods for infants.

C-7253

Sub. Code

96325

B.Sc. DEGREE EXAMINATION, NOVEMBER 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. What do you mean by balanced Diet?
2. Write the stages of pregnancy?
3. What is the main cause of dysmenorrhea?
4. Define physiology of lactation.
5. What are the advantages of breast feeding?
6. Explain diet planning for the preschool child.
7. Puberty.
8. Define secondary sexual characteristics.
9. What do you mean by geriatrician?
10. Define modification of diet.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write a short note on factors influencing nutritional requirements for all age groups.

Or

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

12. (a) Give a brief note on psychology of lactation.

Or

- (b) Write the nutritional requirements of a nursing mother.

13. (a) Describe the comparison of human milk with cow milk.

Or

- (b) Explain artificial feeding.

14. (a) Explain briefly about the packed lunch.

Or

- (b) Give a brief account on malnutrition due to early marriage.

15. (a) Describe the planning diet to suit different income levels.

Or

- (b) Explain the modification of diet in old age.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Give a detailed account on nutritional requirements and diet planning for pregnant women.

Or

- (b) Discuss in detail about the hormonal control.

17. (a) Write an essay on process of breast feeding.

Or

- (b) Give a detailed account on nutrition in preschool age.

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

Or

- (b) Discuss in detailed about the nutritional requirements of an adult man and women.
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C-7254

Sub. Code

96332

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022.

Third Semester

Nutrition And Dietetics

HUMAN PHYSIOLOGY

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is blood made of?
2. How to increase white blood cells
3. Deduce the function of the human digestive system.
4. What is intestinal obstruction?
5. Define – Leptospirosis.
6. What Renal Calculi?
7. Fertilization
8. What pituitary gland?
9. Which organ is part of the nervous system?
10. Can spinal cord damage be repaired?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Draw the structure and functions of blood.

Or

- (b) What is the physiologic function for the cells of the reticuloendothelial system?

12. (a) What are the movements of the small intestine and large intestine?

Or

- (b) List out the Primary functions of the liver.

13. (a) Enumerate about respiratory diseases.

Or

- (b) Write the types of Nephron.

14. (a) Describe the Regulation of thyroid function.

Or

- (b) Explain in brief about mammary glands.

15. (a) Write the anatomy and physiology of hearing.

Or

- (b) Outline the basic knowledge of different parts of the brain.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Summarize the properties of cardiac muscle and outline the importance of cardiac cycle.

Or

- (b) Write the components and functions of circulatory system.

17. (a) Compare about the Causes, Symptoms and Treatments of Acute and Chronic Pancreatitis.

Or

(b) Write the Structure and functions of skin.

18. (a) Illustrate the anatomy of the male and female reproductive organs.

Or

(b) Write the general classifications of nervous system.

C-7255

Sub. Code

96333

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

Third Semester

Nutrition and Dietetics

BASIC FOOD PROCESSING AND PRESERVATION

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Where are hydrocolloids found?
2. What is viscoelastic behavior of food?
3. What is the main product of wheat?
4. What vitamins is flour fortified with?
5. What is the most popular milk type?
6. What is ghee and why is it healthy?
7. Are preservatives harmful?
8. What temperature is spray drying?
9. What is use preservation?
10. Can you ferment using sugar?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Name the nature and properties of food.
Or
(b) Write the procedures of bread making.
12. (a) State the process of pasta products.
Or
(b) Explain the evaluation of cooking test parameter.
13. (a) What are the requirements of working capital for setting up milk processing?
Or
(b) What is the manufacturing process of paneer and ghee?
14. (a) Illustrate the food preservation by low temperature.
Or
(b) Outline the Theory of freezing.
15. (a) Write the need for food preservation.
Or
(b) Is Sugar Good For Concentration? Explain.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Specify wheat Processing and Product Development.
Or
(b) Write the effect of food processing on nutritional properties of food.

17. (a) State the advantage of dairy industry for delivering the dairy products.

Or

(b) Describe about Indigenous Dairy Products Manufactured from Whole Milk.

18. (a) Write the methods of freezing, freeze drying and freeze concentration.

Or

(b) Discuss about the different types of fermentation.

C-7256

Sub. Code

96334

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

Third Semester

Nutrition and Dietetics

NUTRITION FOR HEALTH AND FITNESS

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What are the benefits of exercise physiology?
2. What are essential micronutrients?
3. What are carbohydrates good for?
4. What is the healthiest hydration drink?
5. What are some examples of aerobic and anaerobic exercise?
6. Can low iron affect your running?
7. What are common non-communicable lifestyle diseases?
8. What types of lifestyles lead to diabetes?
9. Why is stress management important to health?
10. What is the best exercise for cancer patients?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Interpret about cardiovascular regulation and integration.

Or

- (b) What are the main parts of the skeletal system?

12. (a) Outline the general properties of carbohydrates.

Or

- (b) Which hormone decreases calcium levels in the blood? Discuss.

13. (a) Mention about Elliptical bicycle and bicycle ergometer.

Or

- (b) Mention briefly about Motorized treadmill.

14. (a) State the risk factors of coronary heart disease.

Or

- (b) Describe the role of omega 3 — fatty acids.

15. (a) Discuss about obesity.

Or

- (b) Write the benefits of autogenic training.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) What are hormonal responses to exercise? Discuss.

Or

- (b) Outline the Food pyramid published by the WHO and FAO.

17. (a) Infer about Aerobic and anaerobic training.

Or

- (b) Write the clinical features of anemia.

18. (a) Correlate about the benefits of Yoga and Meditation for Health.

Or

- (b) Discuss about the clinical exercise physiology of Pulmonary rehabilitation.

C-7257

Sub. Code

96335

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

Third Semester

Nutrition and Dietetics

FOOD STANDARDS AND QUALITY CONTROL

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What are the general tests for raw materials?
2. Write the advantages of quality control.
3. Name any four natural food colors.
4. Mention the role of leavening agent in food specifications.
5. Differentiate Effective and Affective testing.
6. What are the three sensory means of evaluating a dish?
7. Define "Mycotoxin".
8. Define "Heamagglutinins".
9. Write about Codex Alimentarius.
10. What is BIS?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Discuss the stages of quality analysis of foods.

Or

- (b) Why is it important to maintain food quality?

12. (a) Distinguish the types of food specifications.

Or

- (b) How does preservative plays main role in food process?

13. (a) Enumerate the defects in sensory evaluation.

Or

- (b) What are the different tests involved in objective evaluation?

14. (a) Explain about “Mycotoxins”.

Or

- (b) Write a short note on “Toxic minerals”.

15. (a) Why we have to set up the international food standards?

Or

- (b) Elaborate the role of AGMARK in quality control.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) How do you evaluate the quality of processed and canned foods?

Or

- (b) Why is food coloring important in the food industry? And mention the role of food colors in food specifications.

17. (a) Elaborate the importance of objective and subjective measurement of food quality.

Or

- (b) Why do we need to control food adulteration? What are the harmful effects of food adulteration?

18. (a) How do you prevent food contamination? Explain in detail.

Or

- (b) Define “FSSAI” and discuss the role of FSSAI in food regulations.

C-7258

Sub. Code

96342

B.Sc. DEGREE EXAMINATION, NOVEMBER 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 full fluid.
2. Code of conduct in dietitian.
3. PEM.
4. Types of food.
5. What is overweight?
6. Write the tips to relative constipation.
7. Define metabolism.
8. Define cirrhosis.
9. Nutrition.
10. Define nutritional requirements.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write a short note on high and low protein.

Or

- (b) Explain the clear fluid diet.

12. (a) Give a brief note on enteral nutrition.

Or

- (b) Give a short note on nasogastric.

13. (a) Discuss the risk factors and diet planning for people who are underweight.

Or

- (b) Explain the classification of diarrhoea.

14. (a) Explain the causes of fatty liver.

Or

- (b) Give a brief account on acute pancreatitis.

15. (a) Describe the types of cerebral palsy.

Or

- (b) Explain the treatment of Down's syndrome.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Give a detailed account on high and low residue diets.

Or

- (b) Discuss in detail about the fevers of long and short duration.

17. (a) Discuss in detailed about the causes, pathogenesis for peptic ulcer.

Or

(b) Give a detailed account on pancreatitis.

18. (a) Write an essay on fatty liver.

Or

(b) Discuss in detailed about the Down's syndrome.

C-7259

Sub. Code

96343

B.Sc. DEGREE EXAMINATION, NOVEMBER 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. What is nutrition prophylaxis?
2. Mention the scope of hospital food services.
3. How do you describe a good leader?
4. What is food service organization?
5. Describe “establishment Labour law”.
6. List the types of balance sheet are there.
7. Name the different types of fuels used in cooking.
8. How are employees trained in food safety?
9. List the agents which are used in the sanitation process in food service industry.
10. How will you store the food in safety manner?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write a short notes on hospital food services.

Or

- (b) What are the needs feeding programme? List the objectives of feeding programme.

12. (a) Explain the Characteristics of a Good Leader.

Or

- (b) Discuss the importance of food service management tools.

13. (a) Write a short notes on FSSAI. What is FSSAI compliance? Explain.

Or

- (b) Briefly explain cost-benefit ratio.

14. (a) What is cooking gas? How can you save fuel when cooking?

Or

- (b) Enlist the duties and responsibilities of food service manager.

15. (a) Write a notes on sanitary procedure following during food handling.

Or

- (b) What are the points to be kept in mind by food handlers to ensure food safety?

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Discuss the Food Service Managements in profit oriented commercial services.

Or

- (b) How will you plan public health facility oriented feeding programme?

17. (a) Discuss the principles and techniques of Food service management.

Or

- (b) Describe the importance of Bookkeeping and accounting in Cost Control and Pricing of Food items.

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

Or

- (b) Write about the Food Safety awareness programmes to food handlers and consumers.
