

## CERTIFICATE COURSE IN SPOKEN ARABIC EXAMINATION, MARCH 2020

## Paper I—MODERN ARABIC IN DAILY LIFE

Time : Three Hours

Maximum : 100 Marks

I. Fill in the blanks :

(10 × 2 = 20)

- |                              |                                |
|------------------------------|--------------------------------|
| ( إلى ، مع ، عن )            | 1. السلامة .....               |
| ( هذا، هذه، هؤلاء )          | 2. جواز سفري .....             |
| ( أين ، هل ، كم )            | 3. مدة إقامتك هنا؟ .....       |
| ( أشتري، اشتريت، اشترينا )   | 4. أريد أن ..... جريدة         |
| ( سبع، سبعة، سابع )          | 5. وثلاثون ريالاً .....        |
| ( البطاقة، الرسالة، الأجرة ) | 6. أنادي لك سيارة.....         |
| ( شكراً، معذرة، أسفا )       | 7. ..... كثيرا لخدمتكم         |
| ( آخرة، آخر، أخرى )          | 8. أرني لونا ..... لهذه القبعة |
| ( الصيدلية، المقهى، البنك )  | 9. أريد فتح حساب في.....       |
| ( أمس، غدا، بعد غد )         | 10. أين كنت.....               |

II. Make questions for the following answers :

(10 × 4 = 40)

1. أريد قميص قطن.
2. نعم، إنه بعيد من هنا.
3. إنها الساعة الخامسة مساءً.
4. الطقس بارد.
5. في رأيي هو زواج ناجح.
6. أسكن في فندق سيراتون.
7. أجل، عندي بدلة سوداء.
8. صديقي محمد أسلم.
9. يتحرك القطار الثاني في الساعة السابعة.
10. أنا بخير.

III. Answer the following questions :

(10 × 3 = 30)

1. ما جنسيتك؟
2. ماذا عندكم للإفطار؟
3. أي جريدة تريد؟

Turn over

4. أين السوق؟
5. ماهي أفضل طائرة؟
6. من يلبس المريلة؟
7. ما الوقت الذي يفتح المصرف؟
8. ما خطتك لعطلة نهاية الأسبوع؟
9. أين كنت بالأمس؟
10. ماذا تقرأ في أوقات الفراغ؟

IV. Complete the following conversation :

(1 × 10 = 10)

- المريض: مساء الخير  
 الصيدلي: .....؟  
 المريض: أريد بعض الأدوية.  
 الصيدلي: .....؟  
 المريض: نعم عندي الوصفة من الطبيب  
 الصيدلي: دعني أراها.  
 المريض: .....؟  
 الصيدلي: كل الأدوية موجودة هنا.  
 المريض: بكم كل هذه؟  
 الصيدلي: .....  
 المريض: شكرا  
 الصيدلي: .....

Or

Write a paragraph in Arabic about the human body.

**CAREER ORIENTED PROGRAMME EXAMINATION, MAY 2018****CERTIFICATE COURSE IN TELEVISION AND VIDEO PRODUCTION**

Time : Three Hours

Maximum : 75 Marks

**Section A***Answer all the questions.**Each question carries 1 mark.*

1. A shot when recorded by the camera is known as \_\_\_\_\_.
2. Long shot is also known as \_\_\_\_\_.
3. Dutch tilt is also referred to as \_\_\_\_\_.
4. The primary source of illumination in film is \_\_\_\_\_.
5. The music director who won Oscar for India is \_\_\_\_\_.
6. Back light is also referred to as \_\_\_\_\_.
7. Film and Television institute of India is situated at \_\_\_\_\_.
8. The Malayalee who won the Dadasaheb Phalke Award is \_\_\_\_\_.
9. Adobe Premiere is a \_\_\_\_\_ Software.
10. The output of the production phase is called \_\_\_\_\_.

(10 × 1 = 10 marks)

**Section B***Answer any five questions.**Each question carries 3 marks.*

11. Aspect Ratio.
12. D.W.Griffith.
13. Satyajit Ray.
14. Fill Light.
15. Flash Forward.
16. Persistence of Vision.

(5 × 3 = 15 marks)

**Turn over**

**Section C**

*Answer any four questions.  
Each question carries 5 marks.*

17. Discuss various film editing techniques.
18. Describe three-point lighting system.
19. Write about qualities of a good script writer.
20. Explain Mis En Scene.
21. How do you explain film language ?

(4 × 5 = 20 marks)

**Section D**

*Answer any three questions.  
Each question carries 10 marks.*

22. Explain in detail various stages of film making.
23. Comment on life and works of Charlie Chaplin.
24. What are the different stages of television production ?
25. Discuss censorship in Indian cinema.

(3 × 10 = 30 marks)

**CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020**

Certificate Course

**BIOINFORMATICS**

Time : Three Hours

Maximum : 75 Marks

**Section A**

*Answer all questions.  
Each question carries 2 marks.*

1. Human Genome Project.
2. WAN.
3. NCBI.
4. Endoplasmic Reticulum.
5. MMDB.
6. BLASTx.
7. KEGG.
8. Domain.
9. 2 Difference between PAM and BLOSUM.
10. rRNA.
11. EMBL.
12. PDB.
13. Types of Network.
14. DOTPLOT.
15. Plasmids.

(15 × 2 = 30 marks)

**Section B**

*Answer any five questions.  
Each question carries 5 marks.*

16. Explain the Applications of Bioinformatics ?
17. Explain about Two Structural Databases.

**Turn over**

18. Write about Lipids ?
19. What is a computer network ?
20. Write the different BLAST program.
21. Explain Profile ?

(5 × 5 = 25 marks)

### Section C

*Answer any two questions.  
Each question carries 10 marks.*

22. Explain Detailed Structure and Property of DNA ?
23. What is Biological Database? Explain about the Primary, Secondary and Composite Database ?
24. (i) Explain pair wise sequence alignment ?  
(ii) Explain the tools used for pair wise alignment ?

(2 × 10 = 20 marks)

**CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020**

Certificate Course

**TELEVISION AND VIDEO PRODUCTION**

Time : Three Hours

Maximum : 75 Marks

**Section A***Answer all the questions.**Each question carries 1 mark.*

1. \_\_\_\_\_ shows human figure from head to waist.
2. Extreme long shot is also known as \_\_\_\_\_.
3. A scene from directly overhead is \_\_\_\_\_.
4. The back light is mainly used for \_\_\_\_\_.
5. The first film of G.Aravindan is \_\_\_\_\_.
6. Key light is also referred to as \_\_\_\_\_.
7. The city of Pune houses the prestigious \_\_\_\_\_.
8. The Maiayaiee film which won the President's Gold Medal for first time is \_\_\_\_\_.
9. Film Composer is a \_\_\_\_\_ Software.
10. Odessa Collective was founded by Malayalee film director \_\_\_\_\_.

(10 × 1 = 10 marks)

**Section B***Answer any five questions.**Each question carries 3 marks.*

11. Dutch Angle.
12. Charlie Chaplin.
13. Adoor Gopalakrishnan.
14. Key light.

**Turn over**

15. Dissolve.
16. Sequence.

(5 × 3 = 15 marks)

### Section C

*Answer any four questions.  
Each question carries 5 marks.*

17. Discuss post-production work in films.
18. Describe French New Wave.
19. Write about essential ingredients of a good script.
20. Explain Mise-en-scene.
21. Write on different types of film script.

(4 × 5 = 20 marks)

### Section D

*Answer any three questions.  
Each question carries 10 marks.*

22. Delineate the differences between feature film, documentary and short film.
23. Comment on the life and works of Lumiere Brothers.
24. What are the different stages of video production ?
25. Discuss New Generation Movement in Malayalam films.

(3 × 10 = 30 marks)



**CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020**

Certificate Course

**TRAVEL AND TOURISM MANAGEMENT**

Time : Three Hours

Maximum : 75 Marks

**Section A***Answer all questions.**Each question carries 1 mark.*

1. Which of the following world famous events are held to mark Onam festivities in Kerala ?
  - (a) Bull race.
  - (b) Snake boat race.
  - (c) Cock fights.
  - (d) All of these.
2. Which of the following rivers does not originate in Indian territory ?
  - (a) Mahanadi.
  - (b) Ravi.
  - (c) Brahmaputra.
  - (d) None of these.
3. The world famous Red Fort of Delhi was built by which of the following Mughal rulers ?
  - (a) Akbar.
  - (b) Aurangzeb.
  - (c) Shahjehan.
  - (d) Jahangir.
4. HawaMahal Situated at \_\_\_\_\_ ?
  - (a) Kashmir.
  - (b) Jaipur.
  - (c) Delhi.
  - (d) Bangluru.
5. Which among the following is not situated in Ernakulam district ?
  - (a) Hill Palace Musium.
  - (b) Dutch Palace.
  - (c) Gundert Bungalow.
  - (d) Boulghatty Palace.
6. The highest mountain peak in India is \_\_\_\_\_.
7. Chilka lake is situated in \_\_\_\_\_ state
8. Shimla is the capital of \_\_\_\_\_.
9. Brahmaputra and Ganga flows into \_\_\_\_\_ sea.

(9 × 1 = 9 marks)

**Turn over**

**Section B**

*Answer all questions.*

*Each question carries 2 marks.*

10. What is meant by tourist product ?
11. What is the role of advertising in tourism ?
12. What is business tourism ?
13. What is cultural heritage in tourism ?
14. What is UFTA ?
15. Name the wild life sanctuaries in Kerala ?
16. What are the basic travel motivation ?
17. List out the names of honey moon places in Kerala ?

(8 × 2 = 16 marks)

**Section C**

*Answer any five questions.*

*Each question carries 4 marks.*

18. Examine the functions of IATA.
19. Describe the functions of travel agency.
20. What are the responsibilities of tourist guide ?
21. Examine the role of ITDC in Tourism ?
22. Write a note on TajMahal ?
23. List out the problems of tourism in Kerala ?

(5 × 4 = 20 marks)

**Section D**

*Answer any two questions.*

*Each question carries 15 marks.*

24. Write about importance of advertising in tourism.
25. Discuss Eco-friendly tourist destinations in Kerala.
26. What are the challenges faced by Kerala Tourism ?

(2 × 15 = 30 marks)

**CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020**

Certificate Course

**MULTIMEDIA**

Time : Three Hours

Maximum : 75 Marks

**Part A**I. Answer any *one* question :

- 1 What are the different tools available in Photoshop Tool box ?
- 2 What are the colour modes in Photoshop ?
- 3 Explain working with layers in Photoshop.

(1 × 25 = 25 marks)

**Part B**II. Answer any *three* questions :

- 4 What are filters ? Discuss about different filter options in Photoshop.
- 5 What is scope and uses of adobe illustrator ?
- 6 Explain what is adobe illustrator. What are the features ?
- 7 Describe the features of Photoshop.
- 8 Explain the following.
  - a) Healingtool.
  - b) Clone stamp tool.
  - c) Lasso tools.
  - d) Gaussian blur.
  - e) Swatches palettes.

(3 × 10 = 30 marks)

**Part C**III. Answer any *four* questions :

- 9 What are the most important tools in Adobe Illustrator ?
- 10 What is the difference between Adobe illustrator and Indesign ?
- 11 Explain what is clipping mask.
- 12 Explain the use of different layers in Photoshop.
- 13 Explain about the Photoshop Work Area.
- 14 How to remove background in Photoshop ?

(4 × 5 = 20 marks)

**CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020**

Certificate Course

E-COMMERCE

Time : Three Hours

Maximum : 75 Marks

**Section A***Answer any one of the following.*

1. Explain about HTML tags ? Importance of HTML in web development ?
2. Define E-commerce. Explain the importance and benefits of E-commerce ?
3. Explain the various business models of E-commerce.

(1 × 25 = 25 marks)

**Section B***Answer any three of the following.*

4. What are the facilities available on Internet ?
5. What is Portal ? What are the types of portals ?
6. What is a search engine ? Explain its features and working ?
7. Explain the components of Web architecture ?
8. Explain Internet, Intranet and Extranet ?

(3 × 10 = 30 marks)

**Section C***Answer any ten of the following.*

9. What is Link ?
10. What is Email ?
11. How do you make table in HTML.
12. What is a web browser ? Give examples.
13. What are the advantages of WWW ?

**Turn over**

14. What are various types of web pages ?
15. What is FTP ?
16. Define URL.
17. How will you insert pictures into web pages ?
18. Define domain name.
19. What is <br> tag ?
20. What is EDI?
21. Explain IP address ?
22. How can we access to the internet ?
23. What is the structure of HTML ?

(10 × 2 = 20 marks)

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**CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020****Certificate Course  
WOMEN'S STUDIES**

Time : Three Hours

Maximum : 75 Marks

**Part A (Essays)***Answer any one of the following.*

1. What are the constitutional safeguards of equality in India ?
2. Write an essay on women and human rights.

(1 × 15 = 15 marks)

**Part B (Short Essays)***Answer any two of the following.*

1. Write a note on domestic violence act of 2005.
2. Write a note on Muslim marriage act.
3. Write a note on Radical feminism.

(2 × 10 = 20 marks)

**Part B (Short Notes)***Answer any ten of the following.*

1. National women's commission.
2. Vandhana Shiva.
3. Matriarchy.
4. Gender studies.
5. Article 14.
6. Hindu marriage act.
7. Mary wellstone craft.
8. Gender equality.
9. Catherine Mayo.
10. Gandhi and India.
11. International women's year.
12. State women's commission.

(10 × 4 = 40 marks)

**CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020**

Certificate Course

SERICULTURE

Time : Three Hours

Maximum : 75 Marks

*Answer any ten of the following.*

1. What is cocoon riddling ?
2. What is bivoltine rearing ?
3. What is spinneret ?
4. Name any two leaf eating pests of mulberry tree.
5. Name the major non-mulberry silks.
6. Name any two pests of silkworm.
7. What are the different types of pruning of mulberry ?
8. Give the economic importance of dermistid beetles in silkworm rearing.
9. Mention host plants of silkworm.
10. What is moriculture ?
11. What is stiffling ?

(10 × 2 = 20 marks)

*Answer any seven of the following.*

12. Give the systematic position of silkworm moth.
13. Explain brushing process of silkworm rearing.
14. Explain life cycle of silkworm.
15. Write down characteristics of ripe silkworm.
16. Role of hormones in life cycle of silkworm.
17. Explain various glands in silkworm.
18. Write down features of order lepidoptera.
19. Explain chawki rearing method of silkworm larvae.

(7 × 5 = 35 marks)

**Turn over**

*Answer any two of the following.*

20. Explain the prevention, control & disinfection methods of Protozoan diseases in silkworm.
21. Write an essay on rearing operations.
22. Explain rearing of silkworm larvae in detail.

(2 × 10 = 20 marks)

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## CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020

Certificate Course

COMMUNICATIVE ENGLISH

Time : Three Hours

Maximum : 75 Marks

I. Use articles wherever necessary :

- 1 They lost their way in \_\_\_\_\_ Sahara desert.
- 2 We love \_\_\_\_\_ movies.
- 3 In \_\_\_\_\_ Australia, people speak German.
- 4 If you are seriously ill, you will have to go to \_\_\_\_\_ hospital
- 5 Let us go to \_\_\_\_\_ bank to deposit the cash.

(5 × 1 = 5 marks)

ii. Choose the correct pronoun :

- 1 He who/ that hesitates is lost.
- 2 Let I / me speak for a while.
- 3 The presents are for you and I /me.
- 4 This is the palace whom/that everyone admires.
- 5 Hari and I / me are old school friends.

(5 × 1 = 5 marks)

III. Identify the type of noun (in bold) in the given sentences :

- 1 **Love** is eternal.
- 2 Steve buys the band some sandwiches.
- 3 The woman in the picture is my **mother**.
- 4 The **army** besieged the town.
- 5 There's a **pack** of hyenas outside.

(5 × 1 = 5 marks)

Turn over

IV. Fill in the blanks with suitable prepositions :

- 1 Little Jack sat \_\_\_\_\_ the corner.
- 2 See you \_\_\_\_\_ the theatre
- 3 I am indebted to you \_\_\_\_\_ your help.
- 4 Mumbai is famous \_\_\_\_\_ its textiles.
- 5 He killed two birds \_\_\_\_\_ one shot

(5 × 1 = 5 marks)

V. Supply suitable Adjectives :

- 1 The \_\_\_\_\_ prize was won by a boy.
- 2 He was a man of \_\_\_\_\_ ambition.
- 3 This is a very \_\_\_\_\_ matter.
- 4 Rohan gave me \_\_\_\_\_ books.
- 5 Give me \_\_\_\_\_ advice.

(5 × 1 = 5 marks)

VI. Answer in a word *or* sentence :

- 1 Give an example of irregular verb.
- 2 Reena is going to Mumbai. Pick out the proper noun.
- 3 Define auxiliary verb.
- 4 Frame a sentence including emphatic pronoun.
- 5 Define preposition.

(5 × 1 = 5 marks)

VII. Change the sentences into plural :

- 1 The woman lost her handkerchief.
- 2 The man sharpened his knife before throwing it at the target.
- 3 Rani's buffalo is grazing in the field.
- 4 The Government that imposes unnecessary tax is not very popular.
- 5 The thief made off with the entire jewellery.

(5 × 1 = 5 marks)

VIII. Change the gender of the nouns and pronouns :

- 1 The countess entered the room.
- 2 The peacock danced to the rain.
- 3 The monk is praying.
- 4 Lion is a wild animal.
- 5 The duchess eloped to France.

(5 × 1 = 5 marks)

IX. Correct the following sentences :

- 1 He saw me never.
- 2 Unless you do not work hard, you cannot succeed in life.
- 3 Walk fast, lest you should not miss the train.
- 4 She not only makes errors, but she does not also admit them.
- 5 I have given him everything he has asked.

(5 × 1 = 5 marks)

X. Change to passive voice :

- 1 The King gave him a reward.
- 2 Brutus stabbed Caesar.
- 3 Anna opened the window.
- 4 We have done our homework.
- 5 Premchand wrote this novel.

(5 × 1 = 5 marks)

XI. Write a letter to your friend inviting him to your wedding.

*Or*

XII. Write a letter to the HR manager to inform him about the misbehavior of your superior officer.

(1 × 10 = 10 marks)

XIII. Introduce yourself in about 100 words

(1 × 5 = 5 marks)

XIV. Write a conversation between you and your mother about hosting a party. (1 × 10 = 10 marks)

**CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020**

Certificate Course

SPOKEN ENGLISH

Time : Three Hours

Maximum : 75 Marks

**Part A**

I. Use articles wherever necessary :

- 1 He is not \_\_\_\_\_ honourable man.
- 2 \_\_\_\_\_ sun shines brightly.
- 3 Rustum is \_\_\_\_\_ young Parsee.
- 4 You are \_\_\_\_\_ fool to say that.
- 5 French is \_\_\_\_\_ easy language.

(5 × 1 = 5 marks)

II. Change the following sentences into plural/singular :

- 1 That man is very cruel.
- 2 A calf is the young one of a cow.
- 3 Offices have computers.
- 4 That mango was very sweet.
- 5 Look at this painting.

(5 × 1 = 5 marks)

III. Complete the sentences with suitable pronouns :

- 1 Nagpur oranges are sweeter than \_\_\_\_\_ of Coorg.
- 2 \_\_\_\_\_ is the shortest route to the college ?
- 3 \_\_\_\_\_ do you want to talk to ?
- 4 I remember \_\_\_\_\_ covering me with a blanket.
- 5 \_\_\_\_\_ is your best friend ?

(5 × 1 = 5 marks)

**Turn over**

## IV. Rewrite as directed :

- 1 He said, "I am a Sanskrit teacher." (Rewrite into indirect speech)
- 2 He handed everyone a packets of sweets.(Begin with 'Everyone...')
- 3 King Krishnadeva Raya would perform heavy exercises every morning. (Use -used to)
- 4 When the king came to know of this, he was furious. (Use- No sooner—than)
- 5 In some states of the country the percentage has dropped by a sharp 80 %.  
(Identify the voice - Active or Passive)
- 6 I have seen many birds nestling on cell-phone towers.( Identify the tense)
- 7 The leopard was found in the basement of the school by a staff member on Saturday.  
(Begin with —'On Saturday a staff member.....')
- 8 As it was Saturday, there were no children in the school.( Use— 'because' and rewrite)
- 9 You have been very fortunate. (Rewrite as exclamatory)
- 10 Howlucky I was ! (Rewrite as assertive)

(10 × 1 = 10 marks)

## V. Correct the following sentences :

- 1 We are playing tennis every day.
- 2 As soon as he got the telegram, at once he started.
- 3 Neither Jack is intelligent nor hardworking,
- 4 Not only she speaks English but also Chinese.
- 5 My hairs are grey.

(5 × 1 = 5 marks)

## VI. Write the following words in phonetic scripts :

- 1 Clean.
- 2 Jeep.
- 3 Thin.
- 4 Boys.
- 5 Coa.

(5 × 1 = 5 marks)

**Part B**

- VII. Write a self introduction in about 200 words.  
(1 × 10 = 10 marks)
- VIII. Imagine you are the secretary of the Alumni Association of your college. Prepare a presidential address for the Anniversary function.  
(1 × 10 = 10 marks)
- IX. Write a conversation between yourself and your best friend.  
(1 × 10 = 10 marks)
- X. Write a conversation between you and airport staff.  
(1 × 10 = 10 marks)

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**CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020**

Certificate Course

**PROFESSIONAL ACCOUNTANCY AND AUDITING**

Time : Three Hours

Maximum : 75 Marks

**Part A***Answer all questions.**Each question carries 2 marks.*

1. Define Accounting.
2. What is amalgamation ?
3. State any *two* principles of accounting.
4. What is IFRS ?
5. Define trial balance.
6. What is Auditing ?
7. What is meant by audit planning ?

(7 × 2 = 14 marks)

**Part B***Answer any three questions.**Each question carries 7 marks*

8. What are the conditions for the issue of shares at discount ?
9. Explain different methods of calculating Purchase Consideration.
10. State the differences between auditing and investigation
11. X Ltd. Forfeited 150 equity shares of Rs. 10 each, issued at a premium of Rs. 5 per share, held by Ram for nonpayment of allotment money of Rs. 8 per share( including securities premium Rs. 5 per share), the first call of Rs. 2 per share and the final call of Rs. 3 per share. Out of these 100 equity shares were reissued to Balu at Rs. 14 per share. Pass journal entries.

**Turn over**

12. Calculate debtors velocity and average collection period :

	Rs.
Annual credit sales	5, 00,000
Debtors in the beginning	80,000
Debtors at the end	1, 00,000

(3 × 7 = 21 mark)

### Part C

*Answer any two questions.  
Each question carries 20 marks.*

13. Define Auditing. Explain the objectives of auditing.

14. Prepare Balance sheet from the following data :

Current Ratio 1.4

Liquid Ratio 1.0

Stock turnover Ratio (based on closing stock) 8

Gross profit ratio 20 %

Debt collection period 1.5 months

Reserves and surpluses to capital 0.6

Fixed assets turnover ratio 1.6

Capital gearing ratio 0.5

Fixed assets to net worth 1.25

Sales for the year Rs. 10, 00,000



15. The following balances are extracted on 31-03-2018 from the books of XY Ltd :

Factory premises at cost	2,25,000	Share capital-7500, 5%	
Plant and machinery at cost	1,74,580	redeemable preference	
Sundry Debtors	60,890	shares of Rs. 10 each	75,000
Bad debts	1,425	15,000, 7% preference	
Rent rates and taxes	14,200	shares of Rs. 10 each	1,50,000
Advertising	9,750	25,000 equity shares	
Cash in hand and at bank	25,000	of Rs. 10 each	2,50,000
Directors fees	1,800	P and L a/c	8,120
Audit fees	5,000	Capital redemption	
Stock on 31-03-2017	72,300	reserve fund	32,500
Rent and tax paid in advance	3,990	Gross profit for the year	1,05,820
Office salary	16,000	Provision for doubtful debts	4,500
Motor lorries on 01-04-2015	36,500	Sundry creditors	39,820
Motor lorries purchased		Transfer fees	55
during the year	5,500	Accrued wages	6,420
Dividend paid on redeemable		Staff Benevolent Fund	8,950
preference shares	3,750		
Dividend paid on Other			
preference shares	10,500		
Interim dividend on equity	7,500		
Discount on issue of shares	7,500		
<b>Total</b>	<b>6,81,185</b>		<b>6,81,185</b>

Adjustments :

- The provision for doubtful debts is to be made up to Rs. 5100
- The factory premises and plant and machinery are to be depreciated by 20% and 10% respectively.

Prepare Profit and Loss a/c for the year ended 31-3-2018 and a Balance sheet as on that date.

(2 × 20 = 40 marks)

**CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020**

Certificate Course

**COMMUNICATION SKILLS IN ENGLISH**

Time : Three Hours

Maximum : 75 Marks

I. Answer *ten* of the following short answer questions.

- 1 What are the three sources of reading ?
- 2 Change the voice: A man bought a phone.
- 3 What is IPA ?
- 4 Punctuate the following : are you tired asked his mother.
- 5 What is the difference between pure vowels and diphthongs ?
- 6 Give two synonyms for the word 'beautiful.'
- 7 Change into the past tense: We see ourselves in the mirror.
- 8 What is a fallacy ?
- 9 What is stress ?
- 10 Complete the sentence with the appropriate verb : He \_\_\_\_\_ to me. (speak)
- 11 How does intonation affect meaning ?
- 12 Use an article : Honesty is \_\_\_\_\_ best policy.

(10 × 2 = 20 marks)

II. Answer any *five* of the following paragraph questions :

- 13 What is a premise ? Give an examples of a premise.
- 14 How do you build up a good vocabulary ?
- 15 What are the different parts of speech ?
- 16 Write a note on the syllable.
- 17 Write a conversation between a shopkeeper and a customer.
- 18 Mention three uses of passive voice. Support your answer with suitable examples.
- 19 Form meaningful words with the following speech sounds :

/-----ɪ/, /-----ŋ/, /---æ---/-----uə/

(5 × 5 = 25 marks)

**Turn over**

III. Write *two* essays on the following :

20 The English vowels.

21 Various types of sentences and their functions.

22 What is Critical Thinking ? What are the benefits of critical thinking ?

23 The impact of Television on the Society.

(2 × 15 = 30 marks)

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**CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020**

Certificate Course

**YOGA AND HEALTH CARE**

Time : Three Hours

Maximum : 75 Marks

Fill in the blanks :

1. \_\_\_\_\_ is the corrective yogic exercise for Kyphosis.
2. International Yoga day is \_\_\_\_\_.
3. In \_\_\_\_\_ the position of the legs look like blooming lotus.
4. \_\_\_\_\_ is widely regarded as the compiler of the formal Yoga philosophy.
5. There are \_\_\_\_\_ steps in Suryanamaskar ( Sun Salutation).
6. \_\_\_\_\_ can be defined as the capacity of an individual to perform daily task which require muscular effort without undue fatigue.
7. \_\_\_\_\_ the capacity of an individual to take maximum range of motion.
8. A nutritionally balanced diet is one that contain \_\_\_\_\_.
9. \_\_\_\_\_ means postures.
10. \_\_\_\_\_ is the yogic technique to bring the breathing in regularly, rhythmic and balanced.

(10 × 1 = 10 marks)

Short answer questions : (Answer any *five* questions) :

1. Major physical deformities.
2. Describe the stages of yoga.
3. What is Oxygen Debt
4. Explain the importance of Pranayama.
5. Cosmetic Fitness.
6. Explain Halasana.
7. Pranayama and its effects.

(5 × 3 = 15 marks )

Short essay questions : (Answer any *six* questions) :

1. Importance of stretching exercises for fitness maintenance.
2. Importance of International Yoga day.

**Turn over**

3. Explain Jnana yoga.
4. Explain Major postural deformities.
5. Importance of Stretching Exercises.
6. Explain Dhanurasana and its internal effects.
7. What is Physical Fitness.
8. Explain Thrikonasana and its internal effects.

(5 × 6 = 30 marks)

Essay Questions : (Answer any *two* questions) :

1. Importances of Pranayama in Health related physical fitness.
2. Define posture and its importance in our daily life.
3. Explain the importance of yoga for maintain our skill related physical fitness.

(2 × 10 = 20 marks)

## CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020

Certificate Course  
WEB TECHNOLOGY

Time : Three Hours

Maximum : 75 Marks

Fill up the blanks :

1. First network is \_\_\_\_\_.
2. \_\_\_\_\_ protocol is used for uploading and downloading files in internet.
3. Internet is \_\_\_\_\_.
4. A group of frames is called \_\_\_\_\_.
5. ISDN stands for \_\_\_\_\_.
6. Face attribute is used with \_\_\_\_\_ tag.
7. Every JavaScript statement ends in a \_\_\_\_\_.
8. No <BODY> section is needed for \_\_\_\_\_ page.
9. FTP stands for \_\_\_\_\_.
10. An HTML file can contain only one \_\_\_\_\_ tag in it.

(10 × 1 = 10 marks)

Short answer questions. Answer any *five* questions :

11. What are the Applications of Internet ?
12. Explain Website and what are the popular search engines.
13. What is web hosting ?
14. Describe the tags associated with <TABLE> tag.
15. List any three attributes of <FRAME> tag.
16. Explain the syntax of CSS.
17. Write the main attribute of <IMG> tag to insert an image file in the webpage.

(5 × 3 = 15 marks)

**Turn over**

Short essay questions. Answer any *six* questions :

18. Write a short note on E-business and E-mail.
19. Explain about HTTP.
20. Describe various positioning methods in CSS.
21. What is a web browser and explain its features ?
22. Create an HTML Form to input a name and password.
23. Explain about the variables in JavaScript with example.
24. Explain different types of internet connections.
25. What is WWW ?

(6 × 5 = 30 marks)

Long essay questions. Answer any *two* questions :

26. What is HTML ? Explain the different tags used in HTML.
27. Explain operators in JavaScript.
28. Describe different types of form elements in html.

(2 × 10 = 20 marks)

## CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020

Certificate Course

## LANGUAGE ACQUISITION SKILLS

Time : Three Hours

Maximum : 75 Marks

1. Answer the following bunches of questions :

(A) Give one example in orthography for each of the following :

- 1 Word beginning with /k/
- 2 Word ending with /n/
- 3 Word beginning with /&/
- 4 Word with the sound /η /
- 5 Word ending with /i:/

(B) Read the following and follow the instructions given in the brackets.

- 6 Take your brother \_\_\_\_\_ you. (Use preposition)
- 7 We are looking for \_\_\_\_\_ apartment. (Use article)
- 8 Thank you for \_\_\_\_\_ advice you gave me. (Use article)
- 9 The dog \_\_\_\_\_ across the yard. (Run)
- 10 \_\_\_\_\_, sailed, \_\_\_\_\_. (Verb form)

(C) Identify the phonemes in the following words

- 11 Diphthong in "no"
- 12 First consonant in "jump"
- 13 Pure vowel in "zoo"
- 14 Diphthong in "so"
- 15 First consonant in "cup"

(D) Read the following and follow the instructions given in bracket

- 16 Sink, \_\_\_\_\_, \_\_\_\_\_ Verb forms)
- 17 I received a letter \_\_\_\_\_ the postman. (Use preposition)

**Turn over**



18 When I arrived, Ammu was reading the magazine. (Identify the tense)

19 Joseph read the novel in a day. (Change the voice)

20 It was hot yesterday,————— ? (Use question tag)

(20 × 1 = 20 marks)

II. Transcribe the following words :

1 Fall.

2 Father.

3 Vision.

4 Bird.

5 Coin.

(5 × 1 = 5 marks)

III. Punctuate the following passage :

All of a sudden the door to the banqueting hall burst open Standing there was the ugliest most evil looking fairy you can imagine Why was I not invited she screamed.

(5 × 1 = 5 marks)

IV. Answer any *five* of the following questions in two or *three* sentences :

1 Determiners.

2 What is IPA ?

3 What are Pure Vowels ?

4 What are Diphtongs ?

5 Finite Verb.

6 Indefinite Article.

7 Syllable.

(5 × 2 = 10 marks)

V. Write dialogues of at least *five* exchanges on the following situations :

1 At a wedding.

2 In a college.

(2 × 5 = 10 marks)

VI. Answer the following question in not more than 150 words :

- 1 Prepare a resume for the job of a Manager of a textile shop.

(1 × 10 = 10 marks)

VII. Attempt any *one* of the following questions not exceeding 300 words :

- 1 Articles.
- 2 Speech Sounds in English.

(1 × 15 = 15 marks)

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**CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020**

Certificate Course

**FUNDAMENTALS OF REFRIGERATION**

Time : Three Hours

Maximum : 75 Marks

**Section A**

*Answer any one questions.  
Each question carries 25 marks.*

1. Explain the three laws of thermodynamics.
2. Explain ROM, RAM, PROM and EPROM.
3. Explain simple vapour absorption refrigeration system.

(1 × 25 = 25 marks)

**Section B**

*Answer any three questions.  
Each question carries 10 marks.*

4. Explain Interpreter and compiler.
5. State and prove Clausius theorem for entropy.
6. What is entropy and explain entropy changes for a closed system ?
7. What is the difference between system software and application software ?
8. What do you mean by the algorithm of a program ?

(3 × 10 = 30 marks)

**Section C**

*Answer any ten questions.  
Each question carries 2 marks.*

9. What is TS diagram ?
10. Give examples of any *four* input devices.
11. State the zeroth law of thermodynamics.

**Turn over**

12. What is thermal equilibrium ?
13. What are the applications of steady flow energy equation ?
14. What is air compressor ?
15. What are secondary storage devices ?
16. Explain the hierarchy of operations.
17. Explain the functions clear (), print () ?
18. What is a register ?
19. What are the components of CPU ?
20. Give examples of any *four* computer languages.

(10 × 2 = 20 marks)

**CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020**

Certificate Course

TRANSLATION SKILLS IN ENGLISH AND ARABIC

Time : Three Hours

Maximum : 75 Marks

(10×1 = 10)

I. أجب عن الأسئلة الآتية حسب الإرشادات

a. اختر المعنى مما بين القوسين

1. درجة (Class, Position, Step)  
 2. هادئة (Peaceful, Quiet, Relax)  
 3. شيكات (Cheque, Account, Clerk)

b. صل بين الكلمات ومعانيها

4. فندق Near  
 5. قريب Room  
 6. نظيف Hotel  
 7. غرفة Clean

c. اكتب المعادلات العربية للكلمات الآتية

8. Waiting Room  
 9. Information Counter  
 10. First Class

(10×3 = 30)

II. أجب عن الأسئلة الآتية

11. ما هي أنواع الترجمة؟  
 12. أكتب خمسة أسماء متعلق بالمحلات التجارية مع الترجمة؟  
 13. أكتب خطوات لترجمة ناجحة

ترجم إلى اللغة الإنجليزية

14. أريد غرفة مع تلفزيون

15. ما هو رقم هاتفك؟

16. إن عمرها 6 سنوات

ترجم إلى اللغة العربية

17. What is the fastest way?

18. This shirt is too small

19. I want a first class room

20. Please, Can you repair it?

(3×5 = 15)

.III أجب عن الأسئلة التالية

ترجم إلى اللغة الإنجليزية

21. دخل محمد إلى مطعم كبير في مدينة كاليكوت مع أصدقائه. وجلس حول المائدة وطلب قائمة الطعام للخادم. رأى فيها كثير من أنواع الأطعمة كأنواع الأخباز واللحوم وغير ذلك.

ترجم إلى اللغة العربية

22. We are in a restaurant on the bank of Nile. This morning, I contacted the Restaurant manager by mobile to arrange a dining table for six persons. My family came to the restaurant and sat on the chairs near the window.

23. Muhammad entered a Textiles for purchasing a pants and shirt for wearing his sister's marriage function. But he didn't select any new model shirt from there. So he step out from that Textiles and search another one.

(2×10 = 20)

.IV أجب عن الأسئلة التالية

24. أعد طلب الوظيفة "المدير" إلى بنك جديد الذي تم الافتتاح في مدينتك في اللغة العربية والإنجليزية

25. أعد سيرة ذاتية في اللغة العربية والإنجليزية

## CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020

Certificate Course

ARABIC FOR TOURS AND TRAVELS

Time : Three Hours

Maximum : 75 Marks

(10×1 = 10)

I. أجب عن الأسئلة الآتية حسب الإرشادات

a. اختر المعنى مما بين القوسين

- |       |    |                                    |
|-------|----|------------------------------------|
| مكتب  | 1. | (Office, Library, Room)            |
| مريحة | 2. | (Enjoyable, Comfortable, Peaceful) |
| راكب  | 3. | (Passenger, Walker, Tourist)       |

b. صل بين الكلمات ومعانيها

- |      |    |           |
|------|----|-----------|
| حالة | 4. | Juice     |
| عصير | 5. | Price     |
| رقم  | 6. | Situation |
| سعر  | 7. | Number    |

c. اكتب المعادلات العربية للكلمات الآتية

8. One way
9. Air Pockets
10. Landing

(10×3 = 30)

II. ترجم العبارات التالية

a. ترجم إلى العربية

11. How long is the trip to the Airport?
12. I want some small presents
13. There are many Pilots in Airport

14. Where is the Toilet for Passengers?  
15. Can you recommend a good travel agency?

b. ترجم إلى الإنجليزية

16. الطائرة تهبط من لندن  
17. ما أكثر الجيوب الهوائية!  
18. ما ثمن هذا الجوال؟  
19. هل تذكر رقم هاتفي  
20. أريد أن أسافر حول العالم

(3×5 = 15)

.III أجب عن الأسئلة التالية

21. اكتب مختصراً عن المنظمة العالمية للنقل الجوى  
22. اكتب انواع السياحة  
23. ترجم إلى الإنجليزية

دخل محمد إلى مطار كاليكوت، وهو ينتظر الطائرة إلى دبي، هي إمارة من إمارات العربية المتحدة و واحد من أكبر مكان السياحي العالمي

(2×10 = 20)

.IV أجب عن الأسئلة التالية

24. أنت في مطار كاليكوت، أراد أن تزور أمريكا، عندما وصل أمام مكتب الاستعلام دار بينك وبين الموظف حوار، أعد هذا الحوار من عاطفتك في اللغة العربية والإنجليزية  
25. اكتب خبرتك عن السياحة إلى مكان الذي تُحب



**CAREER ORIENTED PROGRAMME EXAMINATION****APRIL 2020**

Certificate Course

**TELEVISION AND VIDEO PRODUCTION**

Time : Three Hours

Maximum : 75 Marks

**Section A (Essays)**I. Answer any *two* of the following :

- 1 Explain Video editing.
- 2 Describe Parts of the camera.
- 3 Make an essay on Stages of Production.

(2 × 15 = 30 marks)

**Section B (Short Essays)**II. Answer any *five* questions :

- 1 Briefly describe shooting script.
- 2 What is story board ?
- 3 Explain Video formats.
- 4 Explain the role of director ?
- 5 Explain the history of film editing ?

(5 × 5 = 25 marks)

**Section C (Very Short Answers)**II Answer any *ten* of the following :

- |                    |                      |
|--------------------|----------------------|
| 1 Close Up.        | 2 Ambient Sound.     |
| 3 Rule of Third.   | 4 Focus Transitions. |
| 5 Cut.             | 6 PAL.               |
| 7 Video Standards. | 8 Location Hunting.  |
| 9 Final Cut.       | 10 Aspect ratio.     |
| 11 Visual Diary.   | 12 Frame.            |

(10 × 2 = 20 marks)

**CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020**

Certificate Course

**PLANT TISSUE CULTURE**

Time : Three Hours

Maximum : 75 Marks

**Section A***Answer any ten questions.*

1. Write a note on plasticity.
2. Define differentiation, redifferentiation, dedifferentiation ?
3. What is hardening ?
4. Any *two* uses of shoot tip culture ?
5. What is somatic embryogenesis ?
6. Significance of root culture ?
7. Give one example for callus inducing hormone ?
8. What is a Callus ?
9. Process of Surface sterilisation of explants ?
10. Laminar airflow chamber ?
11. Somaclonal variation ?
12. Germplasm storage ?
13. Artificial seeds.
14. Embryoids.
15. Synthetic seeds.

(10 × 2 = 20 marks)

**Section B***Answer any three questions.*

16. Explain the maintenance of aseptic condition in laboratory.
17. Briefly describe embryo culture.

**Turn over**

18. Explain concept of uv sterilisation, wet sterilisation and flame sterilisation.
19. Explain somaclonal variation ? State an example ?
20. Callus regeneration embryogenesis method.

(3 × 10 = 30 marks)

### Section C

*Answer any one questions.*

21. Explain in detail the types, production and uses of artificial seeds.
22. Describe callus culture.
23. Describe the different methods of micropropagation.

(1 × 25 = 25 marks)

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## CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2020

Certificate Course

## YOGA AND HEALTH MANAGEMENT .

Time : Three Hours

Maximum : 75 Marks

## Section A

*Answer all the questions.  
Each question carries 1 marks.*

1. Study and comfortable posture is called ?
2. Samathi pada, Sadhana patha are \_\_\_\_\_ ?
3. According to patanjali yoga means ?
4. Deep breathing helps to make the body more alkaline is it true or false ?
5. Who is known as the father of yoga ?
6. 'Astanga' means ?
7. Neti Bhasti kapalapati, nulia, douthi are \_\_\_\_\_ ?
8. 'Kapala' means ?
9. Types of Yogic foods are \_\_\_\_\_ ?
10. 'Chitha' Means \_\_\_\_\_ ?

(10 × 1 = 10 marks)

## Section B

Match the following :

- |                                |   |                            |
|--------------------------------|---|----------------------------|
| 1. Eye exorcises               | – | Six psychic centres.       |
| 2. Charkras                    | – | Indus valley civilization. |
| 3. Orgin of yoga               | – | Tradaka.                   |
| 4. Systematic way of breathing | – | Saucha, santosa, tapah.    |
| 5. Niyamah                     | – | Pranayama.                 |

(5 × 1 = 5 marks)

**Turn over**

**Section C (Short Essay)**

*Answer any five questions.  
Each question carries 6 marks.*

1. Balanced diet means ?
2. Explain Niyama ?
3. Classification of food in yogic diet ?
4. Write a short note on 'chakras' in human body ?
5. The importance of yoga in health management explains ?
6. Explain the origin or yoga ?

(5 × 6 = 30 marks)

**Section D (Essays)**

*Answer any three questions.  
Each question carries 10 marks.*

1. What are the most important types or branches of yoga ?
2. "Astanga" yoga—Explain ?
3. Explain the various means to lead a Healthy and well balanced life ?  
[With special reference to who's concept of health]
4. Concepts, aims and objectives of yoga ?
5. Meditation and its benefits ?

(3 × 10 = 30 marks)