



K19U 2305

Reg. No. :

Name :

V Semester B.Com. Degree (CBCSS-Reg./Sup./Imp.)

Examination, November - 2019

(2014 Admn. Onwards)

CORE COURSE

5B12COM : AUDITING

Time : 3 Hours

Max. Marks : 40

PART - A

- I. Answer **All** questions. Each carries $\frac{1}{2}$ mark. (4x $\frac{1}{2}$ =2)
1. Goodwill is an example of asset
 2. The financial auditor works in the office, while the cost auditor works in the
 3. Teaming and lading is a method of misappropriating.....
 4. An auditor is the of shareholder

PART - B

- II. Answer any **Four** questions. Each carries **one** mark. (4x1=4)
5. What is private audit?
 6. What is forfeiture of shares?
 7. What is a qualified report?
 8. What is an audit file?
 9. What is internal audit?
 10. What is routine checking?

P.T.O.

**PART - C**

III. Answer any **Six** questions (not exceeding one page). Each carries **Three** marks. **(6×3=18)**

11. Enumerate the importance of auditing
12. List out the contents of audit note book?
13. State the need of internal control
14. What are the objectives of vouching?
15. What are the differences between Valuation and Verification?
16. Bring out the difference between internal audit and internal check.
17. How will you vouch the payment of wages?
18. What are the disqualifications of a company auditor

PART - D

IV. Answer any **Two** questions. Each carries **Eight** marks. **(2×8=16)**

19. Briefly explain the rights and statutory duties of a company auditor
 20. Elucidate the purpose and auditor's duty regarding the audit of a partnership firm
 21. How would you decide a system of internal check with regard to cash transactions of business? Explain briefly
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K19U 2303

Reg. No. :

Name :

V Semester B.Com Degree (CBCSS-Reg./Sup/Imp.)

Examination, November - 2019

(2014 Admn. Onwards)

CORE COURSE

5B10COM : COST ACCOUNTING

Time : 3 Hours

Max. Marks : 40

SECTION - A

Answer **All** questions Each carries $\frac{1}{2}$ mark. (4 \times $\frac{1}{2}$ =2)

1. The aggregation of indirect material cost, indirect wages and indirect expenses is known as _____.
2. _____ is a quantitative record of materials kept in store.
3. Fringe benefits are _____ benefits given by employer to employee in addition to salary and wages.
4. Work certified is always valued at _____.

SECTION - B

Answer any **Four** questions. Each carries **One** mark. (4 \times 1=4)

5. Define Cost?
6. What is Prime cost?
7. What is perpetual inventory system?
8. What is under absorption of overheads?
9. Define joint products.
10. What is cost plus contract?

P.T.O.



SECTION - C

Answer any **six** questions (not exceeding one page). Each carries **three** marks. **(6×3=18)**

11. Enumerate the elements of cost.
12. Explain the terms waste, scrap, spoilage and defective.
13. What is time keeping? What are the methods used for time keeping?
14. Distinguish between allocation and apportionment of over heads.
15. The following information has been obtained from the records of ABC Ltd for the year 2012. Prepare cost sheet from the following information:

	Units	Rs.
Sales	1,00,000	10,00,000
Material (01.01.2012)		50,000
Material (31.12.2012)		35,000
Work-in-Progress (01.01.2012)		45,000
Work-in-Progress (31.01.2012)		60,000
Finished goods (01.01.2012)	20,000	1,00,000
Finished goods (31.01.2012)	40,000	?
Materials purchased		2,00,000
Direct Labour		1,60,000
Manufacturing overhead		1,20,000
Selling Overhead		1,10,000
General Expenses		50,000

16. Two components A and B are used as follows:

Normal usage - 1,200 units

Maximum usage - 1,800 units

Minimum usage - 600 units

Re-order quantity

A - 9,600 units

B - 14,400 units

Re-order period

A - 4 to 6 weeks

B - 2 to 4 weeks

Calculate for each component

a) Re- order level

b) Minimum level

c) Maximum level

d) Average Stock Level



17. Worker A finishes a job in 8 hours and worker B finishes the job in 12 hours. The standard time allowed for completing the job is 20 hours and the standard rate per hour is Rs. 5. Calculate the earnings of workers under Halsey and Rowan plans. Also calculate the effective hourly rate.
18. In a factory the following expenses are incurred:
- Power consumption of the machine Rs. 9000 p.a
 - Repairs and maintenance for the entire working life of the machine Rs. 16,000
 - Oil, waste etc. used for this machine Rs. 1,800 p.a
- Other expenses of the entire factory for the year:
- Rent and rates Rs 27,000
 - Lighting Rs 1,200
 - Supervision Rs 3750
 - Sundry expenses Rs 15,000

Other information:

Area of the factory is 10,000 Sqt. Area occupied by the machine is 2,000 Sqt.. Cost of the machine is Rs. 60,000. Estimated life of the machine is 10 years. There are 16 workers in the factory out of them 4 attended to this machine. The degree of supervision is $\frac{2}{5}$ th to this machine. The factory will work for 2,000 hours per annum. Calculate machine hour rate.

SECTION - D

Answer any **Two** questions Each carries **Eight** marks. (2×8=16)

19. Product X passes through three processes A,B and C. In each process 2% of total input is lost and 10% is scrap. The scrap is sold at Rs. 50 per kg in process A and B and Rs. 10 per kg in process C. The details of three processes are given below:

	A	B	C
Passed to next process	75%	50%	-
Sent to Ware house	25%	50%	100 %
Expenses:			
Raw materials (Rs)	60,000	14,000	50,000
Raw materials (Kg)	1,000	140	1,348
Direct wages	10,250	9,260	8,000
General expenses	5,150	3,620	1,500

Prepare process accounts and ascertain cost per kg of each process.



20. Contractors Ltd. were engaged on one contract during the year .The contract price was Rs. 6,00,000. The trial balance on 31st December is given below:

	Rs.	Rs.
Share Capital		1,20,000
Sundry creditors		12,000
Land and Buildings	48,000	
Bank	16,500	
Contract account:		
Materials	1,12,500	
Plant	30,000	
Wages	1,50,000	
Expenses	15,000	
Cash received (80% of work certified)		2,40,000
	<u>3,72,000</u>	<u>3, 72,000</u>

Of the plant and materials charged to the contract, plant costing Rs. 4,500 and materials costing Rs. 3,600 were destroyed by fire. On 31st December plant which cost Rs. 6,000 was returned to store. The value of materials on site was Rs. 4,500. Cost of uncertified work was Rs. 3,000. Charge 10% depreciation on plant. Prepare Contract account and Balance sheet.

21. From the following details, write up stores Ledger Account under FIFO method.

January 1	Opening balance 100 units at Rs. 5 each
January 5	Received 500 units at Rs 6.
January 7	Issued 300 units
January 9	Issued 100 units
January 12	Received 500 units at Rs. 5
January 14	Received 400 units at Rs. 5.50
January 20	Issued 350 units.
January 24	Issued 150 units.
January 27	Received 250 units at 5.75
January 31	Issued 200 units

The stock verifier found shortage of 10 units on 16 January and another shortage of 15 units on 26 January.

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K19U 2304

Reg. No. :

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V Semester B.Com Degree (CBCSS-Reg./Supl./Imp.)

Examination, November - 2019

(2014 Admn. Onwards)

Core Course

5B11COM : CORPORATE ACCOUNTING

Time : 3 Hours

Max. Marks : 40

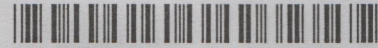
PART - AAnswer **All** questions. Each carries $\frac{1}{2}$ mark. (4x $\frac{1}{2}$ =2)

1. Shares of larger denomination are converted into smaller denomination are called _____.
2. Assets acquired in satisfaction of claims are known as _____.
3. The statement prepared by the liquidator when the winding up is completed is known as _____.
4. Preliminary expense are charged in _____ incorporation period.

PART - BAnswer any **Four** questions. Each carries 1 mark. (4x1=4)

5. What is Amalgamation?
6. What do you mean by SLR?
7. What is contingent liability?
8. What are profits prior to incorporation?
9. Who is a Contributory?
10. What is purchase consideration?

P.T.O.



PART - C

Answer any **six** questions (not exceeding one page). Each carries 3 marks. (6×3=18)

11. What are the difference between amalgamation and External reconstruction?
12. What is Slip system of posting? What are its advantages?
13. Give journal entries for the following transactions in connection with internal reconstruction.
 - a) 10,000 Equity shares of Rs.10 each fully paid, reduced to shares of Rs.5 each fully paid.
 - b) 100, 8% Debentures of Rs.1,000 each converted into 500, 6% debentures of Rs.100 each.
 - c) The debit balance of profit and loss account Rs. 50,000 and preliminary expenses of Rs.10,000 were written off.
 - d) The value of plant and machinery and stock were written down by Rs. 20,000 and Rs.10,000 respectively.
14. Calculate rebate on bills discounted as on 31st March 2010.

Date of bill	Amount	Period of bill	Rate of Discount
20/01/10	80,000	5 months	16%
10/02/10	40,000	4 months	18%
15/03/10	60,000	2 months	15%

15. What is statement of affairs? What are its contents
16. H Ltd was incorporated on 1st April 2003 to acquire the business of Haris and sons as a going concern with effect from 1st January 2003. The total sales for the year ended 31st December 2003 amounted to Rs. 3,00,000 of which Rs. 1,00,000 related to the first three months. The profit and loss account of the company for the year stood as follows.



STATEMENT OF P/L ACCOUNT

PARTICULARS		AMOUNT
I	Revenue from operation(G)	60,000
II	Add: Other Income	Nil
III	Total Revenue	60,000
IV	Less: Expenses:	
	Employee benefit expenses	8,000
	Finance cost (debenture interest)	1,000
	Other Expenses:	
	Rent	2,000
	Sales commission	6,000
	Discount	3,000
	Directors fees	4,200
	Audit fee	1,800
	Bad debts	1,500
	Total Expenses	27,500
V	Net profit	,32,500

You are required to prepare a profit and loss account showing the profits earned during pre and post incorporation periods

17. TRIAL BALANCE (Extract) on 31/3/11

Items	Debit Rs.	Credit Rs.
Advance income tax 2009-10	80,000	
Advance income Tax 2010-11	85,000	
Provision for tax 2009-10		76,000

Adjustments

- 1) The income tax assessment of 2009-10 completed during the year showed a tax liability of Rs.93,000 but no effect has been given for this in the account.
- 2) Provision for income tax is to be made for Rs.84,000 for 2010-2011.
Show journal entries and ledger accounts.

P.T.O.



18. The following is the balance sheet of X Ltd as on the date of its acquisition by Y ltd.

Particulars	Note No	Amount Rs.
I EQUITY AND LIABILITIES:		
(1) Shareholders fund		
• Share capital		10,00,000
• Reserves and Surplus		3,00,000
(2) Share application money Pending Allotment		
(3) Non current Liabilities		1,00,000
• Long term provision (employee PF)		
(4) Current liabilities		4,00,000
• Trade payable (creditors)		
TOTAL		18,00,000
II ASSETS:		
(1) Non current assets		
• Fixed assets:		
* Tangible assets	I	9,00,000
* Intangible assets (goodwill)		3,00,000
(2) Current Assets		
* Current investments		2,00,000
* inventories		3,50,000
* Trade receivable(debtors)		50,000
* Cash		
TOTAL		18,00,000

Notes to account

Particulars	Amount Rs.
Tangible assets	
Land and building	5,00,000
Machinery	4,00,000
	9,00,000

On acquisition, goodwill is valued at Rs.4,50,000, Land and Building at Rs.6,00,000 and stock at Rs.1,80,000. All assets and liabilities are taken over. Calculate the amount of purchase consideration.

**PART - D**

Answer any **Two** questions. Each question carries eight marks. (2×8=16)

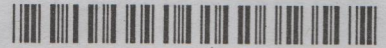
19. The Balance sheet of Udaya Ltd. was as follows

Particulars	Note No	Amount Rs.
I Equity and liabilities		
1 Share holders fund		
(a) Share capital	1	2,00,000
(b) Reserves and surplus	2	1,04,000
2 Share application money pending allotment		
3 Non current liabilities		
Long term borrowings (debentures)		1,00,000
4 Current Liabilities		
(i) Trade payable		82,000
(ii) Short term provisions		3,500
Total		4,89,500
II Assets		
(1) Non current assets		
Fixed assets		
• Tangible assets	3	2,00,000
• Intangible assets		1,00,000
(2) Current assets		
• Inventories		83,000
• Trade Receivable	4	74,000
• Cash		32,500
		4,89,500

Notes to account

Share capital	
• 12,000, 6% preference shares of Rs.10 each	1,20,000
• 8,000 Equity Shares of 10 each	80,000
	2,00,000
Reserves and Surplus	
• General reserve	84,000
• Profits and Loss account	20,000
	1,04,000

P.T.O.



Tangible assets	
• Building	1,10,000
• Plant	90,000
	2,00,000
Trade receivables	
• Debtors	70,000
• Bills receivable	4,000
	74,000

Navodaya Ltd was registered and the following Scheme of reconstruction was arranged.

(1) All assets and liabilities except cash were transferred to Navodaya Ltd (2) The allotment of 11, 15% preference shares of Rs. 10 each fully paid for each ten preference shares held in Udaya Ltd. (3) Twenty equity shares of Rs. 10 credited as Rs. 9 paid for each 16 equity shares held. (4) Sufficient debentures to enable the existing debenture holders to be satisfied at a premium of 5% on their holding by the issue of 16% debentures in the Navodaya Ltd (5) The equity shares were made fully paid up and collecting the balance amount immediately after acquisition process. The expenses of liquidation of Udaya Ltd were Rs.7,500. Show ledger accounts in the books of Udaya Ltd

20. Samaj bank Ltd. With an authorised share capital of Rs, 10,00,000 in Rs.10 shares present you the following balances as on 31st march 2009 from which you are required to prepare the Balance sheet in the prescribed form

Subscribed and called up share capital	10,00,000
Profit balance on 1 st April 2008	1,10,000
Cash credit and overdraft	40,00,000
Term Loans	50,00,000
Bills purchased and discounted	10,00,000
Current deposit	30,00,000
Savings bank deposit	32,00,000
Fixed deposit	48,00,000
Cash in hand	3,00,000
Calls in arrear	10,000
Cash with RBI	5,00,000
Money at call and short notice	8,00,000



(7)

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Investment in Government securities	12,00,000
Land and Building	10,30,000
Furniture	50,000
Interest accrued on loans	1,50,000
Stamps and Stationery	3,000
Rebate on bills discounted	12,000
General reserve	60,000
Statutory Reserve	7,00,000
Profits of the current year before appropriation- -under sec 17	6,00,000
Borrowing from banks	4,53,000
Unclaimed dividend	8,000
Balance with banks	5,00,000
Bills payable	6,00,000

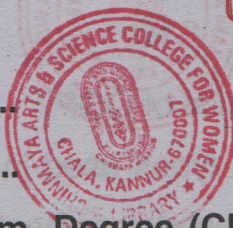
Claims against the banks not acknowledged as debt amounted to Rs.80,000. The bankers acceptance on behalf of customers amounts to Rs.3,00,000. Bills for collection amounted to Rs. 1,30,000.

21. What is amalgamation? Explain the different types of amalgamation?



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CORE COURSE - OPTIONAL

5B 14 COM (B: COMPUTER APPLICATION-III)

PROGRAMMING LANGUAGES

Time : 2 Hours

Max. Marks : 20

PART - A

- I. Answer **All** questions. Each carries $\frac{1}{2}$ mark. (4x $\frac{1}{2}$ =2)
- 1) DDL stands for Data..... Language.
 - 2) The only difference between an opening tag and a closing tag is the.....
 - 3) Google is a..... engine.
 - 4) SQL stands for..... Language.

PART-B

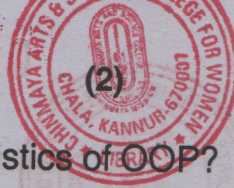
- II. Answer any **Two** questions. Each carries 1 mark. (2x1=2)
- 5) What is DML?
 - 6) What is Object Oriented Programming?
 - 7) What is Java literals?

PART -C

- III. Answer any **Three** questions (not exceeding one page). Each carries 3 marks. (3x3=9)
- 8) What do you mean by internet? Discuss its features.

P.T.O.

K19U 2309



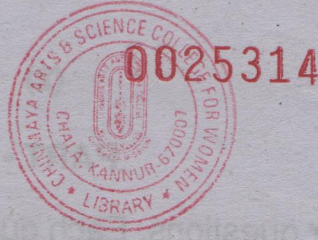
- 9) What are the characteristics of OOP?
- 10) What are the basic data types used in java?
- 11) What are the different search engines?

PART-D

IV. Answer any **One** question, which carries **7** marks.

(1x7=7)

- 12) What is WWW? Explain the navigating Web.
- 13) What are the applications and advantages of OOP?



K19U 2100

Reg. No. :

Name :

V Semester B.A./B.Sc./B.Com./ B.B.A./ B.B.A.T.T.M./ B.B.A.R.T.M./
B.B.M./B.T.T.M./B.C.A./B.B.A. (AH) B.S.W./B.A.Afsal UI Ulama Degree
(CBCSS-Reg./Sup./Imp.) Examination, November-2019
(2014 Admn. Onwards)

OPEN COURSE

5D01 BBA/ BBA (TTM)/ BBA (RTM) (3) : DISASTER MANAGEMENT

Time : 2 Hours

Max. Marks : 40

PART - A

I. Answer any **six** questions, Each question carries **one** mark.

(6×1=6)

1. Write a note on cold waves?
2. What do you meant by emergency in disaster management?
3. What are steps taken to mitigate the effect of earthquake?
4. What do you understand by pre disaster stage?
5. What do mean by environmental disaster? ✓
6. Write a note on volcanic eruption?
7. What is contingency management? ✓
8. State any disaster mitigation agency and its functions.
9. What do you mean by disaster management? ✓

P.T.O.

**PART - B**

- II. Answer any **Four** questions. Each question carries **6** marks. (4×6=24)
10. Prediction and warning techniques used in disaster management. Explain.
 11. What are the approaches adopted in environment disaster?
 12. Explain about man induced hazards and disaster.
 13. Explain preparedness in disaster management.
 14. What are the types of the environmental hazards?
 15. Explain CBDM.

PART - C

- III. Answer any **one** question. Each question carries **10** marks. (1×10=10)
16. What are the approaches in disaster management? Explain
 17. Explain the role of disaster management in mitigating the effects of disaster.

Reg. No. :

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V Semester B.Com. Degree (CBCSS-Reg./Sup./Imp.)
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CORE COURSE

5B13 COM : INCOME TAX LAW & PRACTICE - II

Time : 3 Hours

Max. Marks : 40

PART - A

Answer all questions. Each carries $\frac{1}{2}$ mark.(4 × $\frac{1}{2}$ = 2)

1. The present Chairman of CBDT is _____.
2. Surcharge @ 12% is charged when the total income of a company exceeds _____.
3. Advance payment of tax is applicable only when the tax payable is at least _____.
4. _____ means computation of total income and determination of tax payable.

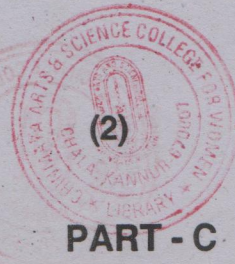
PART - B

Answer any four questions. Each carries one mark.

(4 × 1 = 4)

5. What is meant by Clubbing of income?
6. What is "POEM"?
7. Define a widely-held company.
8. Mention the income tax rates applicable to a Co-op. Society for the AY 2019-20.
9. What is re-assessment?
10. Who can be a partner of a firm?

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PART - C

Answer any six questions (not exceeding one page). Each carries three marks. (6 × 3 = 18)

11. Mention any six powers of CBDT.
12. What are the provisions regarding set off of the following losses:
 - a) Long term capital loss.
 - b) Short term capital loss.
 - c) Speculation loss.
13. Explain the provisions regarding the treatment of a firm's brought forward losses.
14. Mr. Singh is disabled. He is employed in a bank in Pune. His particulars of income for the previous year 2018-19 are:

Salary income (computed)	:	Rs. 6,65,000
Interest on Fixed Deposit	:	Rs. 20,000
Donation to National Defence Fund	:	Rs. 9,500 (paid by cheque)

Compute total income of Mr. Singh for the AY 2019-20
15. The taxable income of Mr. Ranganath is Rs: 9,17,000 from business and Rs: 65,000 from house property for the A Y 2019-20. His wife is also employed and is getting a salary of Rs,16,500 per month. Compute his tax liability for the A Y 2019-20.
16. The book profit of ABC Co. Ltd. in the previous year 2018-19 computed in accordance with sec. 115JB of the Income tax Act is Rs.12,00,000. Its total income under the Income tax Act for the same period is computed at Rs: 4,50,000. Is the company liable to pay MAT? If yes, how much has to be paid?
17. A co-operative society in a college had the following incomes during the year ended 31.03.2019:

a) Income from merchandise business	:	46,000
b) Income from college canteen	:	19,000
c) Income from credit facilities given to members	:	9,500
d) Interest on Government securities	:	12,000



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- e) Dividend (Gross) on shares held in another Co-op. Society : 9,000
f) Taxable income from house property : 6,000

Determine the total income of the Society for the A Y 2019-20.

18. Mr. Khan is appointed at Kolkata. He stayed in a hotel for 25 days and thereafter shifted in a house provided by the employer. From the following information, determine the taxable value of stay in hotel:

- a) Room rent in hotel is Rs: 1,000 per day.
b) Salary for valuation of accommodation during the P Y Rs: 7,50,000.
c) The employer recovered Rs: 300 per day from Mr. Khan regarding stay in hotel.

PART - D

Answer any two questions. Each carries eight marks. (2×8=16)

19. Mr. Alexander, an employee of a firm, furnished the following particulars of his income for the year ended 31-3-2019.

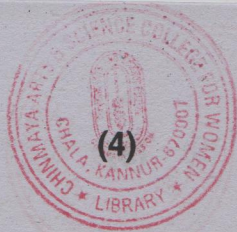
- | | |
|---|--------------|
| a) Basic Salary | Rs. 1,44,000 |
| b) Dearness allowance | Rs. 28,800 |
| c) Own contribution to Recognised P F | Rs. 20,160 |
| d) Employer's contribution to the said P F | Rs. 20,160 |
| e) Bonus | Rs. 12,000 |
| f) Interest on balance in Recognised P F (not exceeding the prescribed limit) | Rs. 14,000 |

g) He was provided with a small car for which the employer paid all the running and maintenance cost. The car was used for personal as well as office uses.

h) He was also provided with rent-free accommodation at Kolkata for which the employer paid a rent of Rs: 1,250 per month. He was allowed the use of one refrigerator and an air-conditioner costing Rs: 8,000 and Rs: 12,000 respectively while their written down values on 1-4-2018 were Rs: 4,500 and 7,000 respectively.

Compute the tax liability of Mr. Alexander for the AY 2019-20.

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20. Mr. Rahim is a registered medical practitioner. He keeps his books on a cash basis, and his summarised cash account for the year ended 31st March 2019 is as under:

Balance b/d	1,22,000	Cost of Medicines	20,000
Loan from bank for private purposes	3,000	Interest on loan from bank	300
Sale of Medicines	35,250	Surgical Equipments	8,000
Consultation Fees	1,55,000	Car Expenses	6,000
Visiting Fees	24,000	Salaries	4,600
Rent from the property (not subject to local taxes)	3,600	Rent of Dispensary	1,600
Interest on Govt. Securities	4,500	General Expenses	300
		Personal Expenses	1,11,800
		Life Insurance Premium	3,000
		Motor Car	1,20,000
		Insurance of Property	200
		Balance c/d	71,550
	<u>3,47,350</u>		<u>3,47,350</u>

Compute his income from profession and house property for the A Y 2019-20 taking into account the following further information :

- One-third of motor car expenses are in respect of his personal use
- Depreciation allowable on the motor car and surgical equipments is @ 15%.

21. Explain briefly the different types of assessment.

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K19U 2103



Reg. No. :

Name :

V Semester B.A./B.Sc./B.Com./ B.B.A./ B.B.A.T.T.M./ B.B.A.R.T.M./
B.B.M./ B.T.T.M./ B.C.A./ B.B.A. (AH) B.S.W./B.A.Afsal UI Ulama Degree
(CBCSS-Reg./Sup./Imp.) Examination, November- 2019
(2014 Admn. Onwards)

OPEN COURSE

5D01 COM (2) : FINANCIAL SERVICES

Time : 2 Hours

Max. Marks : 40

PART - A

- I. Answer any **six** questions, Each question carries **one** mark. **(6×1=6)**
1. What do you mean by non-banking institutions?
 2. What do you mean by financial engineering?
 3. What is leasing?
 4. What is derivatives?
 5. What is credit rating?
 6. What do you mean by mutual funds?
 7. What is factoring?
 8. What is sweat equity shares?
 9. What do you mean by commercial papers?

P.T.O.

**PART - B**

II. Answer any **Four** questions. Each question carries **6** marks. (4×6=24)

10. What are the various credit rating agencies in India?
11. Discuss (a) Operating lease (b) Financial lease
12. Discuss the functions of merchant banking.
13. Discuss about credit rating agencies
14. What is venture capital financing? Discuss its features.
15. What do you mean by portfolio management?
16. State the difference between money market and capital market.

PART - C

III. Answer any **one** question. The question carries **10** marks. (1×10=10)

17. Explain the process of credit rating in India.
 18. What are financial instruments? Discuss.
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K19U 2108

Reg. No. :

Name :

V Semester B.A./B.Sc./B.Com/B.B.A./B.B.A.T.T.M/B.B.A.R.T.M/B.B.M/
B.T.T.M/B.C.A./B.B.A.(AH) B.S.W/B.A.AFSAL UI Ulama Degree
(CBCSS-Reg./Sup./Imp.)

Examination, November- 2019

(2014 Admn. Onwards)

OPEN COURSE

5D 03 BCA - DATABASE MANAGEMENT SYSTEM

Time : 2 Hours

Max. Marks : 20

SECTION - AAnswer in **One** word.

(8×0.5=4)

1. In an ER diagram double rectangle represents_____.
2. The attributes that can be divided into other attribute is called_____.
3. Minimal set of super key is called_____.
4. _____deals with join dependency.
5. To delete a particular column the command used is _____.
6. A DML command that combines records of one or more table is_____.
7. DCL stands for_____.
8. In relational model degree is termed as_____.

SECTION - BWrite short note on any **Three** of the following questions.

(3×2=6)

9. Write short note on ER model.
10. Distinguish between primary key and foreign key.
11. What is a trigger?
12. Explain the concept of partial dependency.
13. Explain ALTER command.

P.T.O.

**SECTION - C**

Answer any **Two** of the following questions. (2×3=6)

14. What is a View? Explain with example.
15. What are the different data types used in SQL?
16. What is DBA? Mention the functionalities of DBA?
17. Explain 3NF with example.

SECTION - D

Write an essay on any **One** of the following questions. (1×4=4)

18. State 1NF, 2NF, 3NF with proper examples.
19. Explain the following with example.
 - a) Having clause
 - b) Group By clause
 - c) Sub Queries



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K19U 2045

Reg. No. :

Name :

V Semester B.A./B.Sc./B.Com./B.B.A/B.B.A.T.T.M./B.B.A.R.T.M./B.B.M./
B.T.T.M./B.C.A./BBA (AH)/B.S.W./B.A.Afsal UI Ulama

Degree (CBCSS- Reg./Sup./Imp.) Examination, November-2019

(2014 Admn. Onwards)

OPEN COURSE

5D01 BTC: ENVIRONMENTAL SCIENCE

Time : 2 hrs

Max. Marks : 20

SECTION - A

Write about each of the following in 2 or 3 sentences. Each question carries
1 mark. (4×1=4)

1. C F C
2. Air pollution
3. Hydrogen fuel
4. B O D

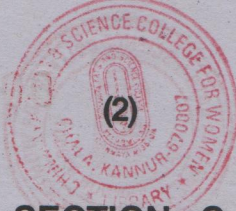
SECTION - B

Write short notes on any **Two** of the following. Each question carries **2** marks.
(2×2=4)

5. Causes of biomagnification
6. Green house effect
7. Types of soil pollutants
8. Advantages of Biodiesel.

P.T.O.

K19U 2045



SECTION - C

Write a paragraph on any **Two** of the following. Each question carries **3** marks. **(2×3=6)**

9. Incineration
10. Bioethanol
11. Ecological consequences of Acid rain.
12. Vermicompost

SECTION - D

Write short essay on any **One** of the following. Each question carries **6** marks. **(1×6=6)**

13. Explain water pollution and associated health problems.
 14. Write down the advantages and disadvantages of biofuel.
 15. Give a detailed account on impact of electronic waste on our environment.
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