

PTVA's ML DAHANUKAR COLLEGE OF COMMERCE

Academic Year: 2022-23

Semester End Examination

Class: F.Y.B.Com.(A & F)

Semester: II

Subject: Financial Accounting II

Time: 2.5 hours

Total: 75 marks

Date: 6/4/2023

Time: 11.30 AM to 2.00 PM

Instructions:

1. This question paper contains 6 pages
2. In all, 5 main questions shall be attempted.
3. Answers to each new question should begin on a fresh page.
4. Figures on the right hand side indicate full marks.
5. Use of simple calculator is allowed.

Q 1.A. Multiple Choice Questions (any 8 out of 10)

8 marks

1. Closing balance of trade creditors can be ascertained from
 - (a) Total Creditors account
 - (b) Bills payable account
 - (c) balance sheet
 - (d) cash book
2. Extra commission given to the consignee, for making him responsible for Bad Debt, this extra commission is known as

(a) Commission	(b) Del credere commission
(c) Profit to consignee	(d) Over-riding commission

3. Closing stock with consignee is shown in the Balance Sheet of
 - i) Consignee,
 - ii) Consignor,
 - iii) Agency,
 - iv) None of the above
4. If books are kept under single entry system, opening stock is ascertained by preparing

(a) Opening Stock Account	(b) Stock Register
(c) Memorandum Trading Account	(d) Opening Statement of Affairs

5. Branch A/c under debtors system is a

(a) Real account	(b) nominal account
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(c) personal account	(d) representative account
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6. Unrecorded sales should be

(a) added to purchases	(b) added to sales
(c) deducted from closing stock	(d) ignored

7. In Consignment Accounting, consignor is _____.

- a) Principal, b) agent, c) Debtor of the consignee, d) None of them.

8. Usually, in a single entry system

- (a) only manual accounts are maintained
(b) only cash and personal accounts are maintained
(c) only real accounts are maintained
(d) only nominal accounts are maintained

9. Proforma invoice is prepared by the

- a) seller, b) consignor, c) buyer, d) consignee

10. Depreciation on branch assets under debtors system is

- (a) not shown separately in branch account
(b) shown in branch account
(c) not accounted
(d) shown in the profit & loss account of head office

Q 1.B. True or False (any 7 out of 10)

7 marks

- Under Single Entry System, it is not possible to ascertain the net profit earned by the business.
- Consignment is a sale between the consignor and the consignee
- Normally, in Single Entry System, credit sales are recorded only in the Debtors A/c but no Sales Register is maintained.
- Consignor's carriage expenses are included in cost for valuation of closing stock of goods on consignment.
- Consignee cannot return the unsold goods to the consignor.
- Under Debtors system branch a/c is debited with losses like bad debts, discounts allowed and depreciation.
- Under Single Entry System, only one journal entry is passed for all the transactions during a day.
- Balance in Goods sent to branch a/c is transferred to debit of Trading A/c
- On loss of goods by fire, the trader can claim the entire loss from insurance company irrespective of salvage.
- An Account Sales is a ledger account in the books of the consignee.

- Q 2 Mr. Neil Nitin Mukesh, a trader does not maintains proper 15 marks
books of accounts. Following is the information is available to
us:

Particulars	01/01/2022	31/12/2022
Debtors	50,000	52,000
Stock	47,500	52,500
Plant & machinery	50,000	50,000
Furniture & Fittings	3,500	3,500
Creditors	48,750	97,500

The cash book showed the following information:

Particulars	Rs.	Particulars	Rs.
To balance b/d	1,250	By Payment made to Creditors	1,25,500
To Receipt from Debtors	2,77,500	By Salaries	25,050
To Cash Sales	35,100	By Wages	15,300
To Interest on FD	500	By Carriage Inward	2,500
		By Rent	33,000
		By Cash Purchases	22,000
		By Insurance (upto Jan.23)	13,000
		By balance c/d	76,000
	3,14,350		3,14,350

Additional Information:

- Wages outstanding as on 31st December, 2022 were 2,500
- Depreciate
 - Plant & Machinery by 10%
 - Furniture by 5%
- Rent prepaid of Rs.5,000

Prepare Final Accounts for the year ended 31st December, 2022

OR

- Q 2 Mrs. Dipika does not maintain proper books of accounts. 15 marks

However following details were collected from her.

Balance sheet as per income tax return as on 31/12/2021 showed the following:

Liabilities	Rs.	Assets	Rs.
Capital Account		Debtors	43,000
2,11,500			
(+) Profit		Furniture	25,000
<u>40,000</u>	2,51,500	Motor Car	55,000
Creditors	35,000		

	Stock	25,200
	Building	85,000
	Investment	50,000
	Cash in Hand	3,300
	2,86,500	2,86,500

Cash Analysis showed the following

Receipts	Rs.	Payments	Rs.
Collection from Debtors	2,14,500	Payment to Creditors	75,800
Cash Sales	25,500	Office Expenses	28,500
		Salaries	43,000
		Drawings	22,900
		Advertisement	25,000
		Rent (prepaid 3000)	28,000
		General Expenses	12,400

Other Information:

1. Discount Allowed - 3,000
2. Discount Received - 2,000
3. Bad Debts incurred - 1,500
4. Closing Stock - 23,000
5. Debtors closing balance - 48,000
6. Creditors closing balance - 37,500
7. Depreciate Furniture @ 5%
8. Depreciate Motor Car @ 10%

Prepare Trading and Profit and Loss Account for the year ended 31st December, 2022 and Balance Sheet as on that date.

- Q3 Amitabh of Banaras consigned 1000 unit of goods to Amjad of Dholakpur at the cost of Rs.50 per unit. He incurred a cost of Rs.5,000 to send the goods. Amjad sent an account sales which shows the following: 800 units of goods were sold at 75 per unit, selling expenses of Rs. 3800 and deducted commission @10% on total sales. He sent the draft for the balance due. Prepare Consignment A/c, Goods sent on Consignment A/c, Consignee A/c in the books of Consignor and Consignor A/c in the books of Consignee. 15 marks

OR

- Q3 The following details relating to Ahmedabad branch for the year ending on 31st March 2023 in the head office. 15 marks

Particulars	Rs.	Particulars	Rs.
-------------	-----	-------------	-----

Stock as on 01-04-2022	15,000	Cash paid by Debtor directly to Head Office	5,000
Debtors as on 01-04-2022	25,000	Stock as on 31-03-2023	18,000
Petty Cash as on 01-04-2022	2,000	Goods returned by Debtors	3,000
Furniture as on 01-04-2022	10,000	Goods returned by Branch	20,000
Goods sent to Branch during the year	2,50,000	Cash sent to Branch for expenses:	
Cash Sales	2,90,000	• Rent	12,000
Credit Sales	60,000	• Salaries	48,000
Petty Cash expenses	5,000	• Petty Cash	6,000
Cash received from debtors	55,000	• Insurance	3,000

Depreciate Furniture @ 5%

Q 4 Fire occurred in the premises of Mr. Mukesh Ambani on 15th 15 marks
October, 2022.

From the following particulars ascertain the loss and prepare a statement of claim to be lodged with insurance company.

Particulars	Rs.
Stock on 31-03-2021	1,98,000
Stock on 31-03-2022	2,42,000
Purchases for 2021-22	6,40,000
Sales for 2021-22	8,00,000
Purchases from 01-04-2022 to 15-10-2022	6,00,000
Sales from 01-04-2022 to 15-10-2022	7,58,000

Stock on 31-03-21 was valued at 90% of Cost Price and 31-03-22 was valued at 110% of cost. Salvage was Rs.35,600. The policy amount was Rs.2,00,000. The claim was subject to average clause.

OR

Q 4 On 15th August 2022 the premises of Thor were destroyed by 15 marks
fire, following particulars were found:

Particulars	Rs.
Stock (01-04-2021)	1,00,800

PTVA's ML DAHANUKAR COLLEGE OF COMMERCE

Academic Year: 2022-23

Semester End Examination

Class: FYBMS/FYBAF/FYBBI/FYBFM

Semester: II

Subject: Foundation Course II

Total: 75 marks

Date: 3rd April, 2023

Time: 11.30 AM to 2.00 PM

Q 1.A. Multiple Choice Questions (any 8 out of 10)

8 marks

1. _____ means integrating the national economy with the world economy.
(a) Privatization (b) Liberalization (c) Globalization (d) Disinvestment.
2. _____ refers to coerced movement of people away from their home.
(a) Local migration (b) Regional migration (c) Forced migration (d) Mass migration.
3. Human rights came into existence in a more specified and well defined manner with the signing of _____ in 1215.
(a) Theory of Natural Law (b) UDHR (c) Magna Carta (d) The Natural Rights Theory.
4. The UDHR consists of a preamble and _____ articles highlighting human rights and freedoms entitled to everyone in the world.
(a) 15 (b) 20 (c) 10 (d) 30.
5. An ecosystem is an _____ environment consisting of all the living and non-living organisms in a particular area.
(a) Geographical (b) Sociological (c) Political (d) Biological.
6. _____ development focuses on improving the quality of human life without increasing the use of natural resources.
(a) Environment (b) Sustainable (c) Human (d) Ecological.
7. _____ is a situation in which two or more parties feel themselves in opposition.
(a) Stress (b) Conflict (c) Frustration (d) Anger.
8. _____ implies a pre conceived & unreasonable judgement usually an unfavourable one arising out of fear, hatred or suspicion.
(a) Values (b) Behaviour (c) Ethics (d) Prejudice.
9. Maslow identified _____ set of needs.
(a) Two (b) Three (c) Four (d) Five.
10. _____ can be defined as the most basic means of setting out differences.
(a) Negotiation (b) Mediation (c) Conflict (d) Aggression.

Q 1.B. True or False (any 7 out of 10)

7 marks

1. The process of moving for a period of time in response to labour or climatic conditions is called as seasonal migration.
2. In India, the concept of privatisation gained importance in the post reform period since 1991.
3. The UDHR consists of 28 articles.
4. Magna Carta was signed in the year 1215
5. Urbanization is the only cause of environmental degradation.

6. Abiotic components are non-living compound & Physical elements in the environment.
7. Eustress is also known as Negative stress.
8. Communalism often results into violence.
9. Meditation is an effective method of relieving stress
10. According to Maslow, security needs must be satisfied after the need of self-actualisation.

Q 2 a) Briefly enumerate the positive impacts of globalization. . 8 marks

b) What is migration? What are the different types of migration? 7 marks

OR

Q 2 c) What is Corporate Farming? What are the arguments for and against Corporate Farming? 8 marks

d) Briefly discuss, 'Growth of Information Technology and Communication'. 7 marks

Q 3 a) What are the characteristics of Human Rights? Briefly explain. 8 marks

b) Briefly discuss the UDHR (Universal Declaration of Human Rights) 7 marks

OR

Q 3 c) Briefly explain the significance and characteristics of Fundamental Rights. 8 marks

d) Briefly enumerate the Right to Equality as enumerated in the Constitution of India. 7 marks

Q 4 a) What are the various components of the environment? Briefly explain. 8 marks

b) Briefly explain the various forms of Environmental Degradation. 7 marks

OR

Q 4 c) What are the various causes of stress? Briefly explain. 8 marks

d) What are the different ways to cope with stress? Briefly enumerate. 7 marks

Q 5.A. Briefly explain the significance of values in Individual Development. 8 marks

Q 5.B. Explain Abraham Maslow's Theory of Self-Actualisation. 7 marks

OR

Q 5.C. Short Notes (any 3 out of 5) 15 marks

1. Reasons for Farmer Suicides in India.
2. Magna Carta.
3. Importance of Environmental Studies.
4. Stereotypes and Prejudice.
5. Types of Conflict.

PTVA's ML DAHANUKAR COLLEGE OF COMMERCE

Academic Year: 2022-23

Semester End Examination

Class: F.Y.B.Com.(A & F)

Semester: II

Subject: Innovative Financial Services

Time: 2.5 hours

Total: 75 marks

Date: 10/4/2023

Time: 11.30 AM to 2.00 PM

Instructions:

1. This question paper contains **Three** pages
2. Answers to each new question should begin on a fresh page.
3. Figures on the right hand side indicate full marks.
4. Use of simple calculator is allowed.

Q 1.A. Multiple Choice Questions (any 8 out of 10) 8 marks

1. The lead merchant banker shall accept a minimum underwriting of _____ percentage. (5; 10; 15; 20)
2. Cost of Forfaiting is borne by _____. (Importer's Bank; Exporter's Bank; Overseas buyer; Exporter)
3. SEBI does not regulate _____. (Merchant Bankers, Underwriters, HFCs; Stock Brokers)
4. _____ characteristic of financial service means it cannot be stored and the production and consumption of service happens simultaneously.
(Intangibility; Variability; Inseparability; Perishability)
5. _____ is opened by a Banker to an issue in order to collect share application money.
(Recurring Account; Escrow Account; Nostro Account; Vostro Account)
6. _____ is a long term risk capital to finance high technology projects which involve risk but at same time has strong potential for growth
(Merchant Banking; Housing Finance; Under Writing, Venture Capital)
7. In _____ lease, the risk of obsolescence is assumed by the lessee.
(Operating; Financial, Wet; Dry)
8. _____ is not a credit rating agency out of the following
(CARE, FITCH, SMERA; IFCI)
9. _____ is also known as electronic cheque

- (Debit card, Credit card; Store Card, Smart Card)
10. Out of the following, Bond carrying _____ rating will carry lowest interest rate. (BBB+; A-; BB+, C)

Q 1.B. True or False (any 7 out of 10)

7 marks

1. The second bill market scheme was introduced in the year 1952
2. Forfaiting facilitates finance up to 100%.
3. NBFC can accept demand deposits from public
4. Bill drawn and accepted without any supporting commercial transaction is called documentary bill
5. The predetermined price at which an underlying asset has to be bought or sold in an option contract is called exercise price.
6. A clearing member who is also a trading member, may clear and settle their own proprietary trades.
7. NHB stands for New Housing Bank
8. NBFC cannot issue credit cards
9. With 'AAA' rating, corporate can raise debt funds at a very high cost.
10. For obtaining a Debit Card, the cardholder must have an account with a bank.

Q 2.A Discuss the process of credit rating

8 marks

Q 2.B Explain the types of consumer finance

7 marks

OR

Q 2.P Distinguish between Factoring and Forfaiting

8 marks

Q 2.Q Discuss the venture capital investment process

7 marks

Q 3. A Explain the securitization process.

8 marks

Q 3. B Explain the difficulties faced by borrowers of housing finance.

7 marks

OR

Q 3. P Describe the disadvantages of credit cards.

8 marks

Q 3. Q Distinguish between Operating Lease and Financial Lease

7 marks

Q 4. A Explain the characteristics of financial services

8 marks

Q 4. B Explain the role of merchant banker in issue management

7 marks

OR

Q 4. P SRK Transports Ltd. Purchased trucks from Hindustan Motors Ltd. On hire purchase basis. The cash price of the trucks was Rs.3,20,000. The amount were payable as under:-
Rs.1,00,000 at the time of delivery i.e 1st January 2021

Rs.80,000 on 31st December 2021

Rs.80,000 on 31st December 2022

Rs.82,478 on 31st December 2023

The Hindustan Motors Ltd charged interest at 5% p.a on the outstanding amount. You are required to prepare Hindustan Motors Ltd. A/c, in the books of SRK Transport Ltd.

Q 4. Q Obilix Ltd. has total sales of Rs. 60 lakhs and its average collection period is 50 days. The past experience indicates that bad debts losses are 1.5% of sales. The expenditure incurred by the firm in administration and collection is Rs.4,75,000. A factor is prepared to buy the firms receivable by charging commission 2%. The factor will pay advance on receivables to the firm at an interest rate of 12% p.a after withholding 10% as reserve. Calculate the effective cost of factoring. 7 marks

Q 5.A. Explain the types of bills.

8 marks

Q 5.B. Types of charges levied by credit card companies

7 marks

OR

Q 5.C. Short Notes (any 3 out of 5)

15 marks

1. Explain Maturity Factoring and Full-service factoring
2. Explain the role of a stock broker and SEBI guidelines with respect to stock broker.
3. Explain the advantages of leasing
4. Code of ethics for Housing Finance Companies
5. Explain any four, fund based financial services

PTVA's ML DAHANUKAR COLLEGE OF COMMERCE

Academic Year: 2022-23

Semester End Examination

Class: FYBMS/FYBAF/FYBBI/FYBFM Semester: II

Subject: BUSINESS COMMUNICATION II

Total: 75 marks

Date: 1st April, 2023

Time: 11.30 AM to 2.00 PM

Q 1.A Answer to multiple choice questions (any 8 out of 10) 8 marks

1. A _____ is powerful means of communication within an organisation.
a) Television b) Film c) House organ d) Opinion poll
2. A _____ is decision making body.
a) Conference b) Seminar c) Symposium d) Committee
3. Catalogues, price lists and other literature may be sent by seller in response to letter of _____.
a) Inquiry b) Order c) Complaint d) Collection
4. The state commission deals with complaints up to the value of rupees _____.
a) Twenty thousand b) Twenty Lakh c) Five thousand d) Five lakhs
5. Reports in the form of personal letter and submitted without observance of any formality are _____ reports.
a) Formal b) Informal c) Informative d) Interpretative
6. Right to information act was passed in year _____.
a) 2003 b) 2004 c) 2005 d) 2006
7. We should _____ examples used in the passage given for summarisation.
a) Skip b) include c) elaborate d) add
8. In AIDA formula A stands for _____.
a) Attraction b) Abstract c) Addition d) Attention
9. Suggestion schemes are _____ communication.
a) Upward b) Downward c) Grape wine d) Horizontal
10. To Confer means to _____.
a) Collect b) Converse c) Convert d) Condemn

Q 1.B Answer True or False (any 7 out of 10) 7 marks

1. Comments, opinions and views of the author should always be included in summary.
2. Report should be reader oriented.
3. Information affecting competitive position of third party should be revealed under RTI
4. An oral complaint can be lodged with consumer guidance cell.
5. Selling is the index of success in business.
6. The complaint should be thanked.
7. In PR government bodies are part of Publics.
8. Agenda is kept secret till the meeting begins.
9. In interview questioning is more important than listening.
10. When a video conference is held for informal purposes is called as video call or video chat.

- Q 2 A) Explain roll of interviewer in process of interview. **8 marks**
B) Which are the types of meetings? How they differ from each other? **7 marks**

OR

- Q 2 C) Explain different types of conferences. **8 marks**
D) What are the major functions of public relations? **7 marks**

- Q 3 A) Sterling Book Depot, Mumbai wants to place an order for printing ten thousand copies of the catalogue of their latest publications with Techno Publishers based in Pune. They also enclose a catalogue of the previous year and request a similar type of catalogue to be released in June 2023. Draft the inquiry letter on behalf of Sterling Book Depot in Modified Block Form. **8 marks**

- B) Continental Traders Ltd., seek goods worth Rs.10 lacs on credit from you. This is the first time they have approached you. They have given Cosmos Bank Ltd as reference. Write the letter to your banker seeking credit status inquiry. The letter should be in semi block form. **7 marks**

OR

- Q 3 C) Based on the advice received from your bankers, you do not wish to grant credit to Messrs. Taraporewala & Sons. You are required to express your inability to undertake their request for material worth Rs.15 lacs on credit for a period of 3 months. Draft the letter in Full Block form. **8 marks**

- D) Heerson Stores had ordered 50 kgs of dry fruits from a supplier in Goa. The consignment delivered was infested with worms. On behalf of Heerson Stores, write a letter to the supplier in Modified Block Form. **7 marks**

- Q 4 A) Write a Sales Letter to promote the sales of an advanced air purifier. The letter should be written in Modified Block Form. **8 marks**

- B) Your grandfather has not been receiving his pension from Shipping Corporation of India. In spite of regular reminders no action has been taken. Use the RTI Act to write to the pension office and question about the non-receipt of pension to which your grandfather is entitled. **7 marks**

OR

- Q 4 C) Draft an investigative report to the Director, Head Office, Bata Shoes Ltd., reporting about the outbreak of fire and the resultant inability to manufacture at the Company's manufacturing plant at Valsad, Gujarat and the estimated time frame when Production can commence. **8 marks**

- D) Draft the notice and agenda for the Annual General Meeting of Bala Sons Ltd. **7 marks**

- Q 5. A Prepare an individual report with recommendations on the declining sales of Annie Cosmetics in the Noida market. **8 marks**

Q 5. B Summarize the following passage.

7 marks

The tiger is a protected animal. Poachers can be jailed or fined if caught. However, the tiger trade is so profitable that the animal continues to be in danger.

The story of a tiger cub called Nicky caught public attention. Nicky was saved from the cooking pot by an animal lover. The Malaysian Trade Commissioner to Papua New Guinea learned that a tiger cub had been sold to a restaurant in Kuala Lumpur. He paid more than RM10,000 for the cub and gave it to the Malacca Zoo to keep. Mysteriously, the cub disappeared from the animal clinic where it was being kept for examination. For two days the public worried. Many people feared that the animal had been stolen. To the relief of the zoo staff and the concerned public, Nicky was found safe. She was playing near the tiger enclosure. Luckily, it had rained so at least there were puddles of water for her to drink. She was hungry but appeared none the worse for her adventure. Nicky could have wandered out when some employee carelessly left her enclosure unlocked. The other possibility was that someone had tried to steal her. When that person realized that the tiger is a protected species, Nicky was returned to the zoo.

Human beings are strange. The desire for exotic foods appears to be universal. People eat bears' paws, camel humps, duck embryos, ostrich and even crocodiles. The list appears endless. Nobody really seems to have strong objections. As a result, some animals look to be in grave danger of disappearing from the face of the earth.

OR

Q 5. C Write Short Notes On (any 3)

15 marks

1. Reprimand Interview
2. Disadvantages of meetings
3. Virtual Conference
4. Press Release
5. Teleconferencing

PTVA's ML DAHANUKAR COLLEGE OF COMMERCE

Academic Year: 2022-23

Semester End Examination

Class: F.Y.B.Com.(A & F)

Semester: II

Subject: Business Law I

Time: 2.5 hours

Total: 75 marks

Date: 8/4/2023

Time: 11.00 AM to 1.30 PM

Instructions:

1. This question paper contains 5 pages
2. In all, 5 main questions shall be attempted.
3. Answers to each new question should begin on a fresh page.
4. Figures on the right hand side indicate full marks.
5. Use of simple calculator is allowed.

Q 1.A. True or False (any 8 out of 10)

8 marks

1. Agreement to sell is an executory contract.
2. A negotiable instrument may be oral.
3. The banker is drawee in case of cheque.
4. Consideration cannot be in kind.
5. Warranty is a stipulation that is primary.
6. Doctrine of caveat emptor places the burden on the seller.
7. A negotiable instrument is always transferable.
8. A bill of exchange can be conditional.
9. Contract with minor is void-ab-initio.
10. Any accretion to goods bailed belongs to the bailee.

Q 1.B. Match the Column (any 7 out of 10)

7 marks

- | A | B |
|---------------------------------|-------------------------------|
| 1. Agreement enforceable by Law | a) goods kept as Security |
| 2. Pledge | b) Drawer and drawee same |
| 3. Acceptance of an offer | c) excludes actionable claim |
| 4. Draft | d) moral pressure |
| 5. Cheque | e) in writing |
| 6. Goods | f) right against the world |
| 7. Undue influence | g) contract |
| 8. Complaint | h) absolute and unconditional |
| 9. Bailment | i) may be crossed |
| 10. Jus in rem | j) transfer of possession |

- Q 2 (a) Define Consideration. State the essentials of Consideration. 8 marks
(b) Define Contract . What are the characteristics of Contract ? 7 marks

OR

- Q 2 (c) Define Indemnity. State the essentials of a contract of indemnity. 8 marks
(d) Define Acceptance and what are the legal rules of valid acceptance ? 7 marks

- Q 3 (a) Who is unpaid seller. Explain the rights of an unpaid seller against the goods. 8 marks

- (b) Define Contract of Sale of Goods and what are the essential of Contract of Sale of Goods 7 marks

OR

- Q 3 (c) Distinguish between 'sale' and 'Agreement to Sale' 8 marks

- (d) Define 'goods' under Sale of Goods Act. Explain the classification of goods. 7 marks

- Q 4 (a) What is Unconditional Promise under Negotiable Instruments Act. Explain characteristics of its. 8 marks

- (b) Define 'crossed cheque'. Explain different types of crossing. 7 marks

OR

- Q 4 (c) Explain modes of discharge of a party or parties under NI Act. 8 marks

- (d) Distinguish between 'cheque' and 'bill of exchange'. 7 marks

- Q 5.A. List any 7 trade practices which amount to unfair trade practice under Consumer Protection Act 1986 8 marks

- Q 5.B. What are the objectives behind Consumer Protection Act 1986? Define 'consumer' under the act 7 marks

OR

- Q 5.C. Short Notes (any 3 out of 5) 15 marks

1. Auction Sale
2. Minor's Agreement
3. Guarantee
4. Types of Bills of Exchange
5. Proposal

PTVA's ML DAHANUKAR COLLEGE OF COMMERCE

Academic Year: 2022-23

Semester End Examination

Class: F.Y.B.Com.(A & F)

Semester: II

Subject: Business Mathematics

Time: 2.5 hours

Total: 75 marks

Date: 31/03/2023

Time: 11.30 AM to 2.00 PM

Instructions:

1. This question paper contains 4 pages
2. In all, 5 main questions shall be attempted.
3. Answers to each new question should begin on a fresh page.
4. Figures on the right hand side indicate full marks.
5. Use of simple calculator is allowed.

Q 1.A. Choose the correct option from the following: (any 8) 8 marks

1. The simple interest at 8% p.a. on Rs. 1000 for 5 years is Rs. -----.
a) 40 b) 400 c) 50 d) 800
2. The rate of dividend is given for the _____ of a share.
a) Face value b) Market value c) NAV d) a or b
3. The selling price of an article with list price of Rs. 250 with discount 10% is Rs. -----.
a) 325 b) 125 c) 225 d) 275
4. Cash discount is given on the _____ price.
a) Invoice b) List c) Selling d) Cost
5. A mutual fund with no load is called as _____ load fund.
a) New b) Zero c) Entry d) Exit
6. If the angles of a triangle are in the ratio 3 : 8 : 9, then their respective degree measures are -----.
a) 32 : 70 : 78 b) 24 : 64 : 92 c) 27 : 72 : 81
d) 30 : 80 : 90
7. If the payments of an annuity are all equal and are made over successive period of time, then it is a -----annuity.
a) Uniform b) Due c) Equal d) Immediate
8. The compound interest on Rs. 2,000 for 3 years at the rate of 5% p.a. compounded yearly is Rs. -----.
a) 205 b) 2315.25 c) 315.25 d) 345.25
9. The Rs 10 share at 10% premium has a market value of

Rs.-----.

- a) 9 b) 20 c) 11 d) 10.10
10. The inverse ratio of 9 : 4 is -----.
- a) $1/4 : 1/9$ b) 4 : 9 c) 3 : 2 d) 81 : 16

Q 1.B. State whether the following statements are True or False. 7 marks (any 7)

1. A quantity A is said to be in inverse proportion to another quantity B if an increase in one of them is accompanied by an increase in the other.
2. Percentage is a ratio with 100 as its consequent.
3. Trade discount is always given on the cost price.
4. The brokerage for the seller is to be added in sales value while calculating the total amount seller receives.
5. Profit % is calculated when the profit is compared with the cost price.
6. An annuity in which each payment is made at the end of the time period is called as annuity due.
7. Nominal rate of interest and effective rate of interest are same for annual compounding.
8. If a share is available at a discount, then its face value is more than its market value.
9. In mutual fund, SIP stands for simple increment plan.
10. A fee levied on an investor at the time of purchasing the units is called as exit load.

Q.2(A) Mr. Shah spends 25% of his income on the food, 15% on the conveyance, 40% on the other expenses and the remaining amount of Rs. 20,000 he invests in shares. Find his total income and the expenses on all the items. 8 marks

Q.2(B) An insurance agent gets commission of 25% on the first year's premium, 7.5% on the second and third year's premiums and 5% on the subsequent year's premiums on an insurance policy of Rs. 30,000, the rate of annual premium being Rs. 40 per thousand. Find the total earning of the agent for which 5 annual premiums have been paid. 7 marks

OR

Q.2 (P) Divide the number 20 into 2 parts such that their ratio is 9 : 1. Also find the mean proportional between these 2 parts. 7 marks

Q.2 (Q) A merchant gives 30% trade discount and further 2% cash discount and still makes 37.2% profit on the cost. If the merchant's cost price of an item is Rs. 4,000 , then find the list price. 8 marks

Q.3(A) A particular sum of money amounts to Rs. 5,13,216 in 2 years and Rs. 5,54,273.28 in 3 years. Find the sum and the compound interest rate. 8 marks

Q.3(B) 10 carpenters working for 8 hours a day can make 16 pieces of a furniture in 15 days. Find the number of carpenters working for 6 hours a-day required to make 24 pieces of the same furniture in 25 days. 7marks

OR

Q.3(P) Mr. Kishore purchased some shares of a company at Rs. 210 each and sold them after 3 months at Rs. 250 each. The brokerage was 0.2% on the purchase and 0.3% on the sale. Find the number of shares traded , if the net amount received by him is Rs. 27,181. 7 marks

Q.3(Q) A loan of Rs. 50,000 is to be returned in 3 equal monthly instalments , the rate of interest being 24%p.a. compounded monthly. Hence find, 8 marks

1) EMI using reducing balance method.

2) Break-up of the EMI into interest payment and principal repayment.

Q.4(A) Varun invested Rs. 20,000 in a Mutual Fund on 8-2-2011 when its NAV was Rs. 25.8 . He received a dividend @ Rs. 5 per unit on 21-7-2011 with the total gain of Rs. 6,682.588 . Find the NAV at which he redeemed all the units if entry load was 2.25% and exit load was 1%. 8 marks

Q.4(B) Mr. Ankit bought 300 shares of face value Rs.100 , at Rs. 850 per share. After 3 months he got dividend of 40%. After 8 months she received 2 bonus shares for every 5 shares he held. After that , he sold all his shares at Rs. 1000 each within 3 months. The brokerage was 2% on purchase as well as on sales.. Find the total income and rate of return on investment. 7 marks

OR

Q.4(P) Mr. Manohar started the S.I.P. in 'HDFC Equity Fund-Growth Plan'. On 10th of July , August and September 2007 8 marks

He invested Rs. 1000 each at the NAVs Rs. 44.100, Rs. 43.761 and Rs. 45.455 respectively. The entry load was 2.25% . Find his average acquisition cost per unit up to 3 decimal places using rupee cost averaging method. (Number of units up to 3 decimal places)

Q.4(Q) On what sum of money will the difference between the compound interest and simple interest for 2 years at 8% p.a. be Rs. 384 ? 7 marks

Q.5. 1) Explain the term variation and its types. 8 marks

2) Explain Mutual fund 7 marks

OR

Q.5 Write short notes : (Any 3) 15 marks

1) Types of annuity

2) E.M.I.

3) Types of discounts

4) Profit and Loss

5) Dividend reinvestment plan
