

# SOMAIYA

## VIDYAVIHAR UNIVERSITY



Dr. Shantilal K. Somaiya School of Commerce and Business Studies

### QUESTION PAPERS

BRANCH: Bachelor of Commerce (Banking & Finance)	SEM: I
	JAN-2023

Sr. No.	Subject	Available
1.	131U05N101 – Environmental Science	
2.	131U05C101 – Principles & Practices of Banking & Finance (A)	
3.	131U05K101 – Soft Skill Development	
4.	131U05C102 – Financial Accounting I (A)	
5.	131U05C103 – Quantitative Methods I	
6.	131U05C104 – Business Organization & Management	
7.	131U05C101 - Principal & Practice of Banking & Finance (B)	
8.	131U05C102 - Financial Accounting I (B)	
9.		
10.		
11.		
12.		
13.		
14.		



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January 2023		
Examination: In Semester Examination (UG Programmes)		
Programme code: 05	Class: FYBBF	Semester: I
Programme: Banking & Finance		
Name of the Constituent College: S K Somaiya College	Name of the Department: Accounting & Finance	
Course Code: 131U05N101	Name of the Course: Environmental Science	
Duration : 2 Hr.	Maximum Marks : 60	
Instructions: 1)Draw neat diagrams 2)Assume suitable data if necessary		

Question No.		Max. Marks																		
Q1	A. Define Food chain with the help of suitable diagram. OR B. Define Ecological succession. C. Explain Climate change and causes of climate change.	(15) (08) (07)																		
Q2	A. Define sources of energy i.e. renewable and non-renewable. OR B. Describe acid rain and Effects of Acid rain. C. Describe air pollution and effects of air pollution.	(15) (08) (07)																		
Q3	A. Describe disaster and explain measures to be taken before and after the occurrence of disaster. OR B. Enumerate function of National Board under the Wildlife (protection) Act, 1972. C. Explain Forest conservation Act 1980 & its features.	(15) (08) (07)																		
Q4	<p><b>A. True or False</b></p> <ol style="list-style-type: none"><li>Pyramid of Number is upright in grassland ecosystem.</li><li>Climate change is the cause of Natural activity only.</li><li>Charles Elton presented the concept of food web.</li><li>Bio medical waste is not hazardous.</li><li>Mining activity does not cause soil pollution.</li><li>Food web includes food chain.</li><li>Earthquake does not cause any harm to ecosystem.</li><li>Water shading is water conservation method.</li></ol> <p><b>B. Match the column.</b></p> <table><tr><th>A</th><th>B</th></tr><tr><td>1. Primary consumers</td><td>a. Non renewable</td></tr><tr><td>2. Cyclone</td><td>b. Herbivores</td></tr><tr><td>3. Coal</td><td>c. Genetic effect in Human</td></tr><tr><td>4. Wildlife (protection) Act</td><td>d. Disaster</td></tr><tr><td>5. Biotic component</td><td>e. Source of energy</td></tr><tr><td>6. Sun</td><td>f. Renewable</td></tr><tr><td>7. Radioactive waves</td><td>g. Human being</td></tr><tr><td></td><td>h. 1972</td></tr></table>	A	B	1. Primary consumers	a. Non renewable	2. Cyclone	b. Herbivores	3. Coal	c. Genetic effect in Human	4. Wildlife (protection) Act	d. Disaster	5. Biotic component	e. Source of energy	6. Sun	f. Renewable	7. Radioactive waves	g. Human being		h. 1972	(08) (07)
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Semester (August 2022 to December 2022)		
Examination: End Semester Examination January 2023 (UG Programmes)		
Programme code: 05 Programme: Banking & Finance	Class: FYBBF	Semester: I
Name of the Constituent College: S K Somaiya College	Name of the Department : Accounting & Finance	
Course Code: 131U05C101	Name of the Course: Principles and Practices of Banking & Finance	
Duration : 2 Hrs.	Maximum Marks : 60	
Instructions: 1) All questions are compulsory. 2) Figures to the right indicate full marks. 3) For Q.4 rewrite the question with the answer.		

Question No.		Max. Marks
Q.1	a) List the various Loans/Advances offered by banks.	08
	b) Explain the importance of banks.	07
	Or	
	c) Explain Secondary functions of banking companies. d) Explain Hire Purchase with examples.	08 07
Q.2	a) List the modern delivery formats of banking services.	08
	b) Explain in brief features and advantages of Current Account.	07
	Or	
	c) Explain in brief different types of Life Insurance Policies. d) What are the objectives of Financial Inclusion?	08 07
Q.3	a) Define Insurance. Explain the need of Insurance.	08
	b) Enumerate Promotional functions of RBI.	07
	Or	
	c) Explain in brief different types of Fire Insurance Policies. d) What are the powers and functions of IRDA?	08 07
Q.4	a) Multiple Choice Questions.	08
	1. _____ manages the working of Reserve Bank of India. a. Central Board of Director b. Governor c. Deputy Governor d. Officers 2. In _____ deposit a specific amount is contributed every month. a. Cash Certificate b. Fixed Deposit c. Recurring Deposit d. Savings Deposit 3. RBI cannot issue the following currency denomination _____ a. Coins of Rs.1	

- b. Rs. 50
- c. Rs. 100
- d. Rs. 2000
- 4. GIC stands for \_\_\_\_\_.
  - a. General Insurance Corporation
  - b. General Insurer Corporation
  - c. General Insured Corporation
- 5. RRB was established in \_\_\_\_\_.
  - a. 1979
  - b. 1978
  - c. 1972
  - d. 1975
- 6. Governor of RBI holds the office for \_\_\_\_\_ years.
  - a. 6 Yrs.
  - b. 2 Yrs.
  - c. 3 Yrs.
- 7. \_\_\_\_\_ banks were nationalized in 1980.
  - a. 06
  - b. 14
  - c. 10
- 8. SIDBI was established in \_\_\_\_\_.
  - a. 1964
  - b. 1990
  - c. 2000

Q.4

b) Match the following.

07

	Group A		Group B
1	Yes Bank	A	Unlimited transaction
2	EXIM	B	Pure Insurance
3	Current Account	C	New Generation Bank
4	NRE Account	D	Unsystematic Risk
5	Static Risk	E	Export and Import refinance
6	Term Insurance	F	Happens in stable environment
7	Diversifiable Risk	G	Only foreign currency credit allowed





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Semester (August 2022 to December 2022)		
Examination: End Semester Examination January 2023 (UG Programmes)		
Programme code: 05 Programme: Banking & Finance	Class: FYBBF	Semester: I
Name of the Constituent College: S K Somaiya College	Name of the Department : Accounting & Finance	
Course Code: 131U05K101	Name of the Course: Soft Skill Development	
Duration : 2 Hrs.	Maximum Marks : 60	
Instructions: 1)Draw neat diagrams 2)Assume suitable data if necessary		

Question No.		Max. Marks
Q.1	Elaborate on Phone Etiquette that an individual should follow in a business setting. OR	15
Q.1	Describe Organization culture and explain the Importance of organization Culture.	
Q.2	Explain the 5 Important Critical Thinking Skills. OR	15
Q.2	Elaborate on the 6 Thinking Hats.	
Q.3	Elaborate on VUCA Leadership. OR	15
Q.3	Explain The Leadership Grid.	
Q.4	Case Study:  One year after becoming CEO of Starbucks, Kevin Johnson faced a leadership test when two black men were arrested in a Philadelphia Starbucks. The men were waiting to meet a business associate, but they didn't purchase anything while they were waiting. The store manager asked them to leave, and they refused, explaining that they were there to meet someone. The manager called the police because the men refused to leave, and the police arrested them.  Another patron at Starbucks recorded the arrest on her cell phone, and it quickly went viral. In an interview after the arrest, the woman who took the video mentions that she had been sitting there for a while, and she wasn't asked to leave even though she didn't order anything. Additionally, the video shows the business associate of the black men show up during the arrest, and he asks the manager and the police what the men had done wrong. The general public and those who witnessed the arrest labeled it as discriminatory and racist.  This happened on a Thursday and the following Monday, Johnson said that the manager no longer worked at the store. The arrests led to protests and sit ins at the Philadelphia Starbucks the days following the event.  In his apology statement and follow up video release shortly after the arrests, Johnson said, "The video shot by customers is very hard to watch and the actions in it are not representative of our Starbucks Mission and Values. Creating an environment that is both safe and welcoming for everyone is paramount for	15



every store. Regretfully, our practices and training led to a bad outcome—the basis for the call to the Philadelphia police department was wrong.”

Before the incident, Starbucks had no companywide policy about asking customers to leave, and the decision was left to the discretion of each store manager. Because of this flexible policy, Starbucks had become a community hub—a place where anyone could sit without being required to spend money. Johnson mentioned this community in his apology when he said Starbucks works to create an environment that is “both safe and welcoming for everyone.”

Also in his apology, Johnson outlined the investigation he and the company would undertake. The apology detailed actionable steps Starbucks leadership would follow to learn from the situation, including meeting with community stakeholders to learn what they could have done better. Johnson took full responsibility for the actions of his employees, and he acknowledged that Starbucks customers were hurt by the arrests. Johnson acknowledged that employees needed more training, including about when to call authorities, and that the company needed to conduct a thorough analysis of the practices that lead to this incident.

After issuing his apology, Johnson went to Philadelphia and met with the two men face to face to involve them in dialogue on what Starbucks needed to do differently.

The week following the arrests, Starbucks announced it would temporarily close 8,000 stores to conduct unconscious bias training, which they did on May 29, 2018. A month after the arrests, Starbucks released a new “Use of Third Place Policy,” which states that anyone can use Starbucks and its facilities without making a purchase; it also explains what managers should do if a customer becomes disruptive. Additionally, the policy says that Starbucks seeks to create “a culture of warmth and belonging where everyone is welcome. This policy is intended to help maintain the third-place environment in alignment with our mission ‘to inspire and nurture the human spirit – one person, one cup and one neighborhood at a time.’”

1: Did Johnson openly acknowledge that his decision was based in ethics and morality **(7 Marks)**

2: Did Johnson clarify his values and the company’s values in his apology and with his subsequent actions? **(8 Marks)**





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Semester (August 2022 to December 2022)		
Examination: End Semester Examination January 2023 (UG.)		
Programme code: 05 Programme: B.com(Banking and Finance)	Class: FYBBF	Semester: I
Name of the Constituent College: S. K. SOMAIYA	Name of the Department: ACCOUNTING AND FINANCE	
Course Code: 131U05C102	Name of the Course: FINANCIAL ACCOUNTING –I	
Duration : 2 Hrs.	Maximum Marks : 60	
Instructions: Use of Simple calculator is allowed.		

Questi on No.		Max. Marks																																												
Q.1.	<p><b>A. Journalise the following transactions that have taken place in August, 2021:</b></p> <p>1 Started business with following Cash 80,000, Building 1,00,000 and Creditors 30,000.</p> <p>4 Purchased goods worth Rs.50,000 @5%TD.</p> <p>6 Withdrew cash from bank Rs. 3,000 for personal use</p> <p>8 Received commission Rs.500.</p> <p>15 Paid rent for the month to the Manohar Rs. 5,000.</p> <p>19 Sold goods for Rs.30,000 @10% CD.</p> <p>25 Paid wages Rs. 500.</p> <p style="text-align: right;"><b>(08 Marks)</b></p> <p><b>B. From the given information prepare Trial Balance of Rohan for the year ended 31st December 2021. Difference if any should be treated as suspense a/c.</b></p> <table><tr><th>Particulars</th><th>Amount</th></tr><tr><td>Creditors</td><td>25,000</td></tr><tr><td>Opening Stock:-</td><td>39,000</td></tr><tr><td>Purchases</td><td>97,000</td></tr><tr><td>Capital</td><td>85,000</td></tr><tr><td>Octroi</td><td>11,000</td></tr><tr><td>Direct Wages</td><td>57,000</td></tr><tr><td>Factory Rent</td><td>7,000</td></tr><tr><td>Live stock</td><td>12,000</td></tr><tr><td>Sales</td><td>3,10,000</td></tr><tr><td>Indirect Wages</td><td>8,000</td></tr><tr><td>Machinery</td><td>60,000</td></tr><tr><td>Cash at Bank</td><td>12,000</td></tr><tr><td>Administrative Expenses</td><td>31,000</td></tr><tr><td>Bills Payable</td><td>7,000</td></tr><tr><td>Selling Expenses</td><td>13,000</td></tr><tr><td>Interest paid</td><td>7,000</td></tr><tr><td>Discount Allowed</td><td>4,000</td></tr><tr><td>Bad Debts</td><td>1,000</td></tr><tr><td>Sundry Debtors</td><td>50,000</td></tr><tr><td>Drawings</td><td>21,000</td></tr><tr><td>Provision for Bad debts</td><td>3,500</td></tr></table> <p style="text-align: right;"><b>(07 Marks)</b></p> <p style="text-align: center;"><b>OR</b></p>	Particulars	Amount	Creditors	25,000	Opening Stock:-	39,000	Purchases	97,000	Capital	85,000	Octroi	11,000	Direct Wages	57,000	Factory Rent	7,000	Live stock	12,000	Sales	3,10,000	Indirect Wages	8,000	Machinery	60,000	Cash at Bank	12,000	Administrative Expenses	31,000	Bills Payable	7,000	Selling Expenses	13,000	Interest paid	7,000	Discount Allowed	4,000	Bad Debts	1,000	Sundry Debtors	50,000	Drawings	21,000	Provision for Bad debts	3,500	15
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**C. Prepare a store ledger a/c from the following transactions assuming that issues of stores have been made on the principle of weighted average cost.**

2022.		
Dec. 1	Opening balance	1,000 units@ Rs.20 per unit.
3	Received	350 units@ Rs.21 per unit
5	Issued	1,100 units
12	Received	550 units @ Rs.22 per unit.
16	Issued	350 units.
21	Received	100 units @ Rs.23 per unit.
26	Issued	500 units.

**(10 Marks)**

**D. State whether the following expenditure or receipts are capital or revenue.**

1. Travelling expenses Rs.1,00,000 of directors for a Trip abroad for purchasing technical knowhow.
2. Wages paid for installation of new machinery Rs.5,000.
3. Purchased raw material for Rs. 5,00,000.
4. Rs.6,00,000 received from bank as loan.
5. Spent Rs. 6,000 for repairing of Furniture.

**(05 Marks)**

**Q.2.**

**A. Following is the balance sheet of R.M. Ltd. As On 31-3-2016.**

**Balance Sheet**

As on 31<sup>st</sup> March, 2016

Liabilities	Rs.	Assets	Rs.
Share Capital		Fixed Assets	70,00,000
5,00,000 Equity shares of Rs. 10 each	50,00,000	Investment	40,00,000
Security Premium a/c	5,00,000	Current Assets	60,00,000
General Reserve a/c	20,00,000		
Profit and loss a/c	25,00,000		
11.5 % Debentures	40,00,000		
Creditors	30,00,000		
	<b>1,70,00,000</b>		<b>1,70,00,000</b>
	<b>0</b>		

**Required :**

1. Calculate the maximum number of equity shares that can be bought back.
2. Find out the maximum price it can offer.

Buyback is subject to the provisions of company law should be assumed.

**You are required to pass necessary Journal Entries.**

**(15 Marks)**

**OR**

**B. KG Ltd. Is a non-listed company furnishes the following summary Balance Sheet as at 31-3-2020.**

**Balance Sheet**

Liabilities	Rs. in lakhs	Assets	Rs. In lakhs
Equity shares of Rs. 10 each	1,200	Machinery	1,800
Security premium a/c	175	Furniture	226
General Reserve a/c	265	Investment	74
Capital Redemption Reserve a/c	200	Stock	600
Profit and loss a/c	170	Debtors	260
12% Debentures	750	Bank	740
Creditors	745		
	<b>195</b>		<b>3,700</b>

**15**





	<table border="1"> <tr> <td>Other Current liabilities</td><td>3,700</td><td></td></tr> </table> <p>On 1<sup>st</sup> April 2020 the company announced the buyback 25% of its equity share capital at 15 per share. For this purpose, it sold all of its investments for Rs.75 lakhs.</p> <p>On 5<sup>th</sup> April, 2020, the company achieved the target of Buyback. On 30<sup>th</sup> April 2020 the company issued one fully paid up Equity share of Rs10 by way of bonus for every 4 shares held by the equity shareholders.</p> <p><b>You are required to pass necessary Journal Entries for the above transactions. (15 Marks)</b></p>	Other Current liabilities	3,700		
Other Current liabilities	3,700				
<b>Q.3.</b>	<p><b>A.</b> A Company invited the public to subscribe for 50,000 Equity shares of Rs. 20 each at a premium of Rs. 2 per share.</p> <p>Payments were to be made as follows:</p> <p>On Application Rs. 5 per share.</p> <p>On Allotment Rs. 9 per share (including premium)</p> <p>On First call Rs. 5 per share</p> <p>On Final call Rs.3</p> <p>Applications were received for 60,000 shares. Application for 4,000 were rejected and allotment was made proportionately to the remaining applicants. Excess application money used towards allotment money.</p> <p>All the calls were made. All the money received except the final call on 1,000 shares, which were forfeited after due notice. Subsequently 500 shares were reissued as fully paid shares at Rs. 19 per share.</p> <p><b>Pass Journal entries in the books of the company and also Show extracts of the balance sheet after issue. (15 Marks)</b></p> <p style="text-align: center;"><b>OR</b></p> <p><b>B.</b> Shah Ltd. issued 80,000 equity shares which were underwritten as follows:</p> <p>Rahul - 48,000 Equity shares</p> <p>Leena - 20,000 Equity shares</p> <p>Harita - 12,000 Equity shares.</p> <p>The above mentioned underwriters made application for firm underwriting as follows</p> <p>Rahul -6,400 Equity shares</p> <p>Leena - 8,000 Equity shares</p> <p>Harita - 2,400 Equity shares.</p> <p>The total applications excluding 'Firm' underwriting, but including Marked Applications were for 40,000 Equity shares. The marked applications were as under:</p> <p>Rahul : 8,000 Equity Shares</p> <p>Leena - 10,000 Equity shares</p> <p>Harita - 4,000 Equity Shares.</p> <p><b>Calculate liability of each underwriter:-</b></p> <ol style="list-style-type: none"> <li><b>When benefit of firm underwriting is not given to the underwriters.</b></li> <li><b>When benefit of firm underwriting is given to the underwriters.</b></li> </ol> <p style="text-align: right;"><b>(15 Marks)</b></p>	<b>15</b>			
<b>Q.4.</b>	<p><b>A. Choose correct options.</b></p> <ol style="list-style-type: none"> <li>Cash sales is supported by _____. <ol style="list-style-type: none"> <li>Credit memo</li> <li>Cash memo</li> <li>Cheque</li> </ol> </li> <li>Under _____ the earliest purchases are issued for production. <ol style="list-style-type: none"> <li>LIFO</li> <li>Weighted Average Method</li> </ol> </li> </ol>	<b>15</b>			

c. FIFO

3. Received on account of issue of debentures Rs.4,00,000 is \_\_\_\_\_.

- a. Revenue receipt
- b. Capital receipt
- c. deferred revenue expenses

4. A person is considered as insolvent when his liabilities are \_\_\_\_\_ than his assets.

- a. More
- b. Equal
- c. Less

5. \_\_\_\_\_ is the official body in India that issues accounting standard from time to time.

- a. RBI
- b. ICAI
- c. SEBI

6. The company must destroy the shares after buyback within \_\_\_\_\_ of completion of buyback.

- a. 10 days
- b. 7 days
- c. 21 days

7. A transaction not recorded at all is called as an error of \_\_\_\_\_.

- a. Error of duplication
- b. Complete omission
- c. Error of Principle

8. Bank reconciliation statement is prepared by \_\_\_\_\_.

- a. Account holder
- b. Bank
- c. Students

(08 Marks)

**B. State whether the following statements are true or false.**

- 1. Suspense account always shows debit balance.
- 2. As per AS2 inventories should be valued at cost or at N.R.V. whichever is less.
- 3. Equity shareholders have limited liability.
- 4. The partly paid shares can be bought back.
- 5. IPO stands for issuing post office.
- 6. Intangible assets can be seen.
- 7. Credit sales are recorded on the credit side of the cashbook.

(07 Marks)





<p align="center"><b>Semester (August 2022 to December 2022)</b>  <b>Examination: End Semester Examination January 2023 (UG Programmes)</b></p>		
<p><b>Programme code: 05</b>  <b>Programme: Banking &amp; Finance</b></p>	<p><b>Class: FYBBF</b></p>	<p><b>Semester: I</b></p>
<p><b>Name of the Constituent College: S K Somaiya College</b></p>		<p><b>Name of the Department : Accounting &amp; Finance</b></p>
<p><b>Course Code: 131U05C103</b></p>	<p><b>Name of the Course: Quantitative Methods-I</b></p>	
<p><b>Duration : 2 Hrs.</b></p>	<p><b>Maximum Marks : 60</b></p>	
<p><b>Instructions: 1)Draw neat diagrams</b>  <b>2)Assume suitable data if necessary</b>  <b>3)Non-programmable calculators are allowed</b></p>		

Question No.		Max. Marks															
Q.1	(A) Find mean, median and mode for the following data :	(10)															
	<table><tr><td>Class Interval</td><td>0-20</td><td>20-40</td><td>40-60</td><td>60-80</td><td>80-100</td></tr><tr><td>frequency</td><td>32</td><td>37</td><td>24</td><td>29</td><td>51</td></tr></table>		Class Interval	0-20	20-40	40-60	60-80	80-100	frequency	32	37	24	29	51			
	Class Interval	0-20	20-40	40-60	60-80	80-100											
	frequency	32	37	24	29	51											
	(B)Find quartile deviation for the following data :	(5)															
<table><tr><td>Class Interval</td><td>0-20</td><td>20-40</td><td>40-60</td><td>60-80</td><td>80-100</td></tr><tr><td>frequency</td><td>18</td><td>32</td><td>17</td><td>10</td><td>35</td></tr></table>	Class Interval		0-20	20-40	40-60	60-80	80-100	frequency	18	32	17	10	35				
Class Interval	0-20	20-40	40-60	60-80	80-100												
frequency	18	32	17	10	35												
	OR																
	(A) Calculate the coefficient of correlation r from the following data.	(10)															
	<table><tr><td>X</td><td>25</td><td>22</td><td>33</td><td>35</td><td>28</td><td>29</td></tr><tr><td>Y</td><td>39</td><td>20</td><td>50</td><td>55</td><td>39</td><td>35</td></tr></table>		X	25	22	33	35	28	29	Y	39	20	50	55	39	35	
X	25	22	33	35	28	29											
Y	39	20	50	55	39	35											
	(B) Calculate the coefficient of rank correlation from the data given below.	(5)															
	<table><tr><td>X</td><td>40</td><td>33</td><td>60</td><td>59</td><td>50</td><td>55</td><td>48</td></tr><tr><td>Y</td><td>70</td><td>60</td><td>85</td><td>75</td><td>72</td><td>82</td><td>69</td></tr></table>		X	40	33	60	59	50	55	48	Y	70	60	85	75	72	82
X	40	33	60	59	50	55	48										
Y	70	60	85	75	72	82	69										

Q.2

(A) Two ordinary six-sided dice are tossed.

- (a) What is the probability that both the dice show the different number?
- (b) What is the probability that the number noted on the first dice is larger than the number noted on the second dice.
- (c) Given that the sum of two numbers shown is 8. find the conditional probability that the number noted on the first dice is larger than the number noted on the second dice.

(7)

(B) From the following data given below, construct the (i) Laspeyres index number, (ii) Paasche's index number and hence (iii) Fisher's index number

(8)

Commodity	2000		2005	
	Price	Quantity	Price	Quantity
A	100	200	127	254
B	80	150	115	200
C	60	118	72	110
D	55	50	66	60

OR

(A) A random variable X has the following probability distribution :

x	0	1	2	3	4	5	6	7
P(x)	0	k	3k	2k	2k	3k <sup>2</sup>	3k <sup>2</sup> + k	4k <sup>2</sup>

(10)

- I. Find k.
- II. Evaluate V(X).
- III. Evaluate P(X < 4).

(B) Calculate the 4 yearly moving averages for the following data.

Years	2011	2012	2013	2014	2015	2016	2017	2018
Value	102	100	103	105	104	109	112	115

(5)

Q.3

(A) Fit a straight line trend for the following data giving the annual production (in lakhs) of a company. Estimate the production for the year 2008.

(8)

Years	2001	2002	2003	2004	2005	2006	2007
Production	80	90	92	83	94	99	92





	<p>(B) Three students carry 6 red pens, 4 black pens; 4 red pens, 6 black pens, and 5 red pens, 5 black pens respectively. One of the students is selected at random and a pen is taken from them.</p> <p>(a) Find the probability of black pen being taken from the first student.</p> <p>(b) If the pen taken is red, find the probability that it is taken from the first student.</p> <p style="text-align: center;"><b>OR</b></p> <p>(A) Let <math>X</math> be a random variable with probability density function <math>f(x) = Cx^2</math> for <math>x \in [-1, 1]</math>, then find</p> <p>(a) value of <math>C</math></p> <p>(b) <math>P([0, 3])</math></p> <p>(c) <math>E(X)</math> and <math>V(X)</math></p> <p>(B) An electric fan of a certain company has an average life span of 15 years and standard deviation 3 years. What is the probability of:</p> <p>(a) finding a fan which stops working before 10 years.</p> <p>(b) finding a fan which lasts more than 20 years.</p> <p>(c) finding a fan between 12 to 19 years.</p>	<p>(7)</p> <p>(8)</p> <p>(7)</p>
Q.4	<p><b>A. Multiple Choice Questions -</b></p> <p>1. Find the median for the following data set: 75, 43, 91, 98, 101, 68, 45.</p> <p>a. 98</p> <p>b. 75</p> <p>c. 91</p> <p>d. 60</p> <p>2. Which of the following is the best measure for index number?</p> <p>a. Laspeyres index number</p> <p>b. Fisher's index number</p> <p>c. Paasche's Index number</p> <p>d. All the above are same</p> <p>3. If variance is 49 then Standard deviation is</p> <p>a. 4</p> <p>b. 6</p> <p>c. 7</p> <p>d. 9</p> <p>4. Which one is not possible in probability?</p> <p>a. <math>P(x) = 1</math></p> <p>b. <math>\sum x P(x) = 3</math></p> <p>c. <math>P(x) = 0.5</math></p> <p>d. <math>P(x) = -0.5</math></p> <p>5. Which of the following is affected by extreme points?</p> <p>a. Mean</p> <p>b. Median</p> <p>c. Mode</p> <p>d. None of the above</p>	<p>(7)</p>

6. If a coin is tossed 4 times, then the probability of getting 3 heads is

- a.  $3/16$
- b.  $1/4$
- c.  $3/8$
- d.  $1/16$

7. If A and B are independent events such that  $P(A) = \frac{2}{3}$  and  $P(A \cap B) = \frac{1}{2}$ , then  $P(B) =$

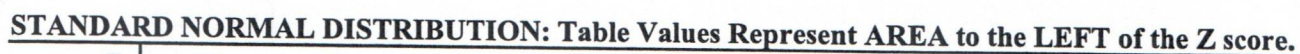
- a.  $3/8$
- b.  $1/3$
- c.  $3/4$
- d.  $1/4$

**B. True and False -**

1. Cumulative frequencies of data points are plotted in the histogram.
2. The median of 5, 7, 3, 11, 9, 15 is 8.
3. Mean is affected by the extreme values.
4. Median is the same as the second quartile for any data.
5. Spearman's Rank correlation coefficient can be greater than one.
6. Cost of living index number comes under weighted average method.
7. Least square method is used to estimate seasonal fluctuations.
8. Fisher's index number is the arithmetic mean of Laspeyres and Paasche's Index number.

(8)





Z	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
-3.9	.00005	.00005	.00004	.00004	.00004	.00004	.00004	.00004	.00003	.00003
-3.8	.00007	.00007	.00007	.00006	.00006	.00006	.00006	.00005	.00005	.00005
-3.7	.00011	.00010	.00010	.00010	.00009	.00009	.00008	.00008	.00008	.00008
-3.6	.00016	.00015	.00015	.00014	.00014	.00013	.00013	.00012	.00012	.00012
-3.5	.00023	.00022	.00022	.00021	.00020	.00019	.00019	.00018	.00017	.00017
-3.4	.00034	.00032	.00031	.00030	.00029	.00028	.00027	.00026	.00025	.00025
-3.3	.00048	.00047	.00045	.00043	.00042	.00040	.00039	.00038	.00036	.00036
-3.2	.00069	.00066	.00064	.00062	.00060	.00058	.00056	.00054	.00052	.00052
-3.1	.00097	.00094	.00090	.00087	.00084	.00082	.00079	.00076	.00074	.00074
-3.0	.00135	.00131	.00126	.00122	.00118	.00114	.00111	.00107	.00104	.00104
-2.9	.00187	.00181	.00175	.00169	.00164	.00159	.00154	.00149	.00144	.00144
-2.8	.00256	.00248	.00240	.00233	.00226	.00219	.00212	.00205	.00199	.00199
-2.7	.00347	.00336	.00326	.00317	.00307	.00298	.00289	.00280	.00272	.00272
-2.6	.00466	.00453	.00440	.00427	.00415	.00402	.00391	.00379	.00368	.00368
-2.5	.00621	.00604	.00587	.00570	.00554	.00539	.00523	.00508	.00494	.00494
-2.4	.00820	.00798	.00776	.00755	.00734	.00714	.00695	.00676	.00657	.00657
-2.3	.01072	.01044	.01017	.00990	.00964	.00939	.00914	.00889	.00866	.00866
-2.2	.01390	.01355	.01321	.01287	.01255	.01222	.01191	.01160	.01130	.01130
-2.1	.01786	.01743	.01700	.01659	.01618	.01578	.01539	.01500	.01463	.01463
-2.0	.02275	.02222	.02169	.02118	.02068	.02018	.01970	.01923	.01876	.01876
-1.9	.02872	.02807	.02743	.02680	.02619	.02559	.02500	.02442	.02385	.02385
-1.8	.03593	.03515	.03438	.03362	.03288	.03216	.03144	.03074	.03005	.03005
-1.7	.04457	.04363	.04272	.04182	.04093	.04006	.03920	.03836	.03754	.03754
-1.6	.05480	.05370	.05262	.05155	.05050	.04947	.04846	.04746	.04648	.04648
-1.5	.06681	.06552	.06426	.06301	.06178	.06057	.05938	.05821	.05705	.05705
-1.4	.08076	.07927	.07780	.07636	.07493	.07353	.07215	.07078	.06944	.06944
-1.3	.09680	.09510	.09342	.09176	.09012	.08851	.08691	.08534	.08379	.08379
-1.2	.11507	.11314	.11123	.10935	.10749	.10565	.10383	.10204	.10027	.10027
-1.1	.13567	.13350	.13136	.12924	.12714	.12507	.12302	.12100	.11900	.11900
-1.0	.15866	.15625	.15386	.15151	.14917	.14686	.14457	.14231	.14007	.14007
-0.9	.18406	.18141	.17879	.17619	.17361	.17106	.16853	.16602	.16354	.16354
-0.8	.21186	.20897	.20611	.20327	.20045	.19766	.19489	.19215	.18943	.18943
-0.7	.24196	.23885	.23576	.23270	.22965	.22663	.22363	.22065	.21770	.21770
-0.6	.27425	.27093	.26763	.26435	.26109	.25785	.25463	.25143	.24825	.24825
-0.5	.30854	.30503	.30153	.29806	.29460	.29116	.28774	.28434	.28096	.28096
-0.4	.34458	.34090	.33724	.33360	.32997	.32636	.32276	.31918	.31561	.31561
-0.3	.38209	.37828	.37448	.37070	.36693	.36317	.35942	.35569	.35197	.35197
-0.2	.42074	.41683	.41294	.40905	.40517	.40129	.39743	.39358	.38974	.38974
-0.1	.46017	.45620	.45224	.44828	.44433	.44038	.43644	.43251	.42858	.42858
-0.0	.50000	.49601	.49202	.48803	.48405	.48006	.47608	.47210	.46812	.46812









d. All of the above

4. Pay, Bonus, perks constitute which of the following under equity theory

a. Inputs

b. Outputs

c. Output/Input

d. All of the above

5. Which decisions are concerned with the problems of repetitive or routine type matters?

a. Programmed decisions

b. Unprogrammed decisions

c. Personal decision

d. Group decisions

6. Which among the following is a pillar of business ethics?

a. Integrity

b. Fairness

c. Leadership

d. All of the above

7. An organization is irrelevant to which of the following field?

a. Anthropology

b. Medicine

c. Economics

d. None of the above

**B. State whether the following statements are true or false.**

1. Decision making is an intellectual process

2. Capital investments are long term and usually irreversible

3. Strategic planning is carried out by top level managers

4. Strategic planning is subordinate to operation planning

5. Two people may always act similarly in the same situation to the same incentives.

6. A business entrepreneurship uses their profits to grow the company and pay shareholders.

7. The relation between management and organization is interdependent.





**SOMAIYA**  
VIDYAVIHAR UNIVERSITY



Semester (August 2022 to December 2022)		
Examination: End Semester Examination January 2023 (UG Programmes)		
Programme code: 05 Programme: Banking & Finance	Class: FYBBF	Semester: I
Name of the Constituent College: S K Somaiya College	Name of the Department : Accounting & Finance	
Course Code: 131U05C101	Name of the Course: Principles and Practices of Banking & Finance	
Duration : 2 Hrs.	Maximum Marks : 60	
Instructions: 1) All questions are compulsory. 2) Figures to the right indicate full marks. 3) For Q.4 rewrite the question with the answer.		

		Max. Marks
Q.1	a) Explain the primary functions of banking.	08
	b) Explain the scope of banking.	07
	Or	
	c) What are the objectives and reasons for Banking Supervision? d) What is Leasing? Explain its types in brief.	08 07
Q.2	a) What is the procedure to open bank account in India? b) What are the advantages of E-banking?	08 07
	Or	
	c) Explain the advantages of Fixed Deposit. d) Define Insurance. Explain its features.	08 07
Q.3	a) Explain in brief basic principles of insurance. b) Enumerate Traditional functions of RBI.	08 07
	Or	
	c) Explain in brief different types of Marine Insurance Policies. d) Write a note on IRDA Act, 1999.	08 07
Q.4	a) Multiple Choice Questions.	08
	1. Banking essentially a business dealing with _____. a. Goods b. Money c. Electronics 2. RBI was established in _____. a. 1934 b. 1935 c. 1949 d. 1945 3. Insurance is an example of _____. a. Risk Transfer b. Risk Avoidance	

	<p>c. Risk Financing</p> <p>d. Risk Retention</p> <p>4. Free look period is of _____. a. 15 days b. 20 days c. 25 days</p> <p>5. Schedule Banks are mentioned in Schedule 2 of _____ Act. a. RBI Act, 1934 b. Banking Regulation Act, 1949 c. Indian Contract Act, 1872 d. SARFESI Act, 2002</p> <p>6. The Chairman of the Central Board of RBI is _____. a. Director b. Governor c. Deputy Governor</p> <p>7. _____ Banks were nationalized in 1969. a. 14 b. 10 c. 15</p> <p>8. IFCI was established in _____. a. 1948 b. 1949 c. 1955 d. 1964</p>																																	
Q.4	b) Match the Following.	07																																
	<table><tr><th></th><th>Group A</th><th></th><th>Group B</th></tr><tr><td>1</td><td>Saraswat Co-operative Bank</td><td>A</td><td>Encourage rural entrepreneurship</td></tr><tr><td>2</td><td>Regional Rural Bank</td><td>B</td><td>Time Deposit</td></tr><tr><td>3</td><td>Saving Account</td><td>C</td><td>1991</td></tr><tr><td>4</td><td>Fixed Account</td><td>D</td><td>Assistance to small scale industries in India.</td></tr><tr><td>5</td><td>Narsimham Committee</td><td>E</td><td>Systematic Risk</td></tr><tr><td>6</td><td>SIDBI</td><td>F</td><td>Schedule Bank</td></tr><tr><td>7</td><td>Non Diversifiable Risk</td><td>G</td><td>Demand Deposit</td></tr></table>		Group A		Group B	1	Saraswat Co-operative Bank	A	Encourage rural entrepreneurship	2	Regional Rural Bank	B	Time Deposit	3	Saving Account	C	1991	4	Fixed Account	D	Assistance to small scale industries in India.	5	Narsimham Committee	E	Systematic Risk	6	SIDBI	F	Schedule Bank	7	Non Diversifiable Risk	G	Demand Deposit	
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**SOMAIYA**  
VIDYAVIHAR UNIVERSITY



Semester (August 2022 to December 2022)		
Examination: End Semester Examination January 2023 (UG.)		
Programme code:05	Class: FYBBF	Semester: I
Programme: B.com (Banking and Finance)	Name of the Department: <b>ACCOUNTING AND FINANCE</b>	
Name of the Constituent College: S. K. SOMAIYA	Name of the Course: <b>FINANCIAL ACCOUNTING - I</b>	
Course Code: 131U05C102	Maximum Marks: 60	
Duration: 2 Hrs.	Instructions: Use of Simple calculator is allowed.	

Questi on No.		Max. Marks																																														
Q.1.	<p><b>A. Journalize the following transaction in the Journal of Preeti .</b></p> <p><b>2020 Sept</b></p> <p>1 Started business with cash Rs.50,000/- Building worth Rs.60,000 and Creditors Rs. 10,000</p> <p>4 Purchased goods worth Rs.50,000/- @5% TD from Ravi.</p> <p>5 Cash sales Rs.1,000</p> <p>7 Issued cheque to Ravi for Rs.10,000.</p> <p>9 Credit purchases for Rs.10,000 from Lala.</p> <p>11 Sold goods to Manish for cash Rs.1,000 at 10% T.D for cash.</p> <p>13 Purchase two horse for Rs.1,000 each.</p> <p>14 Directly deposited by Shashi Rs.2,000.</p> <p style="text-align: right;"><b>(08 Marks)</b></p> <p><b>B. From the following balances prepare the trial balance as on 31st March, 2021. Difference if any should be treated as suspense a/c.</b></p> <table><tr><th>Particulars</th><th>Rs.</th></tr><tr><td>Capital</td><td>1,00,000</td></tr><tr><td>Land &amp; Building</td><td>43,500</td></tr><tr><td>Plant &amp; Machinery</td><td>8,750</td></tr><tr><td>Goodwill</td><td>10,000</td></tr><tr><td>Drawings</td><td>11,300</td></tr><tr><td>Advance to staff</td><td>500</td></tr><tr><td>Opening Stock</td><td>14,000</td></tr><tr><td>Wages</td><td>5,000</td></tr><tr><td>Purchases</td><td>34,000</td></tr><tr><td>Carriage inward</td><td>300</td></tr><tr><td>General expenses</td><td>2,000</td></tr><tr><td>Rents Taxes</td><td>1,000</td></tr><tr><td>Insurance</td><td>200</td></tr><tr><td>Motor Car</td><td>1,500</td></tr><tr><td>Carriage Outward</td><td>700</td></tr><tr><td>Sales</td><td>42,000</td></tr><tr><td>Salaries</td><td>1,550</td></tr><tr><td>Bank charges</td><td>50</td></tr><tr><td>Bad Debts</td><td>1,050</td></tr><tr><td>Provision for bad debts</td><td>750</td></tr><tr><td>Creditors</td><td>3,750</td></tr><tr><td>Debtors</td><td>11,100</td></tr></table>	Particulars	Rs.	Capital	1,00,000	Land & Building	43,500	Plant & Machinery	8,750	Goodwill	10,000	Drawings	11,300	Advance to staff	500	Opening Stock	14,000	Wages	5,000	Purchases	34,000	Carriage inward	300	General expenses	2,000	Rents Taxes	1,000	Insurance	200	Motor Car	1,500	Carriage Outward	700	Sales	42,000	Salaries	1,550	Bank charges	50	Bad Debts	1,050	Provision for bad debts	750	Creditors	3,750	Debtors	11,100	15
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(07 Marks)

OR

C. From the following information, prepare Store ledger account under Weighted Average method for the month of March 2021.

2021		
March 1	Opening stock	200 units @ Rs.2.00
5	Purchases	100 units @ Rs.2.20
10	Purchases	150 units @ Rs.2.40
20	Purchases	180 units @ Rs.2.60
March -6	Issues	150 units
March - 11	Issues	100 units
March - 21	Issues	200 units

On 13<sup>th</sup> March, 2021 the stock verifier reported that there was a shortage of 10 units.

(10 Marks)

D. State whether the following expenditure or receipts are capital or revenue.

1. Spent Rs.1,000 for painting of a new building.
2. Paid Rs.5,000 for renewal of a factory license.
3. Goodwill purchased for Rs.50,000.
4. Paid fees of Lions club for 3 years.
5. Cost of training employees Rs.50,000.

(05 Marks)

Q.2.

A. The balance sheet of Sun Light Ltd. As On 31-3-2016.

**Balance Sheet**

Liabilities	Rs.	Assets	Rs.
20,00,000 Equity shares of Rs. 10 each	2,00,00,000	Fixed Assets	2,73,60,000
General Reserve a/c	25,00,000	Investment	75,00,000
Security Premium a/c	22,00,000	Stock	47,80,000
Profit and loss a/c	15,00,000	Debtors	40,20,000
9% Debentures	75,00,000	Cash and Bank	15,40,000
Term loans	80,00,000		
Creditors	29,00,000		
Provision for Tax	6,00,000		
	<b>4,52,00,000</b>		<b>4,52,00,000</b>

At meeting of shareholder held on the date of above stated balance sheet, the following decisions were taken.

1. 15% of paid-up shares would be bought back @ 16 each.
2. 10% Debentures of Rs.20,00,000 at a premium of 15% would be issued to finance the buyback.
3. General Reserve would be used leaving a balance of Rs. 10,00,000.
4. Investment worth Rs. 20,00,000 would be sold out for Rs. 28,00,000.

You are required to pass necessary Journal Entries to give effect to the above transactions.

(15 Marks)

OR

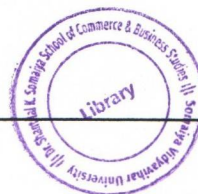
B. Following is the Balance Sheet of Kavya Ltd. As on 31-3-2019

**Balance Sheet**

Liabilities	Rs.	Assets	Rs.
80,000 Equity shares of Rs. 10 each	8,00,000	Fixed Assets	10,20,000
4,000 Preference Shares of Rs. 100 each	4,00,000	Bank	6,20,000

15





	<table border="1"> <tr> <td>Profit and Loss a/c</td> <td>80,000</td> <td></td> </tr> <tr> <td>Debentures</td> <td>1,60,000</td> <td></td> </tr> <tr> <td>Creditors</td> <td><u>2,00,000</u></td> <td></td> </tr> <tr> <td></td> <td><b>16,40,000</b></td> <td><b>16,40,000</b></td> </tr> </table>	Profit and Loss a/c	80,000		Debentures	1,60,000		Creditors	<u>2,00,000</u>			<b>16,40,000</b>	<b>16,40,000</b>	
Profit and Loss a/c	80,000													
Debentures	1,60,000													
Creditors	<u>2,00,000</u>													
	<b>16,40,000</b>	<b>16,40,000</b>												
	<p>The company wants to buy back 20% of its equity share capital at 10% premium. Not having sufficient profits to buy back, company issued 1,200 Preference shares of Rs.100 each at 10 % premium payable Rs.20 on application And balance on allotment. These shares were duly taken up and company purchased the equity shares immediately, sufficient were used to supplement the new issue.</p> <p style="text-align: center;"><b>Pass the necessary Journal entries. (15 Marks)</b></p>													
<b>Q.3.</b>	<p><b>A. Gland Pharma Co. issued 80,000 Shares of Rs.100 each. at a premium of Rs.10 per share payable as under:-</b></p> <p>On Application Rs.20 On Allotment Rs.45 (including premium) On First Call Rs.25 On Final Call Rs.20</p> <p>Rajan holding 4,000 shares failed to pay First call and Final call money. The company forfeited his shares. Later on all these shares were reissued to Rajanikant as fully paid up at Rs.90 per share.</p> <p><b>Record above transactions in the Journal. Also prepare Bank a/c. (15 Marks)</b></p> <p style="text-align: center;"><b>OR</b></p> <p><b>B. Max Ltd has authorized capital of 1,00,000 Equity shares of Rs.10 each. Company issued 60,000 shares at a premium of Rs.2 each. The entire issue was underwritten by Vicky, Ricky and Micky in the ratio of 5:3:2 respectively. Applications were received for 48,000 shares out of which marked applications were as follows:</b></p> <table border="0"> <tr> <td>Vicky</td> <td>24,000 shares</td> </tr> <tr> <td>Ricky</td> <td>8,550 shares</td> </tr> <tr> <td>Micky</td> <td>12,450 shares</td> </tr> </table> <p>Underwriters are entitled to get 5% commission on issue price.</p> <p><b>You are required to find out the net liability of underwriters</b></p> <ol style="list-style-type: none"> <li><b>1. When benefit of firm underwriting is not given to the underwriters.</b></li> <li><b>2. When benefit of firm underwriting is given to the underwriters. (15 Marks)</b></li> </ol>		Vicky	24,000 shares	Ricky	8,550 shares	Micky	12,450 shares	<b>15</b>					
Vicky	24,000 shares													
Ricky	8,550 shares													
Micky	12,450 shares													
<b>Q.4.</b>	<p><b>A. Choose the correct option.</b></p> <ol style="list-style-type: none"> <li>_____ is a bound book of all accounts. <ol style="list-style-type: none"> <li>Subsidiary book</li> <li>Trial balance</li> <li>Ledger.</li> </ol> </li> <li>When closing stock is overvalued profit is _____. <ol style="list-style-type: none"> <li>overstated</li> <li>understated</li> <li>Not affected</li> </ol> </li> <li>Buyback must be completed within _____. <ol style="list-style-type: none"> <li>6 months</li> </ol> </li> </ol>		<b>15</b>											

- b. 12 months
- c. 3 months

4. Small expenses of daily routine business are recorded in \_\_\_\_\_.  
a. Pass book  
b. petty cash book  
c. Purchase book

5. IFRS are issued by \_\_\_\_\_.  
a. IASB  
b. ICAL  
c. IASC

6. \_\_\_\_\_ concept is a basic idea that business is separate from the owner.  
a. Dual aspect  
b. Going concern  
c. Entity

7. Accounting standard 2 deals with \_\_\_\_\_.  
a. Valuation of inventories  
b. Fixed assets  
c. Revenue recognition

8. Debit note is prepared in \_\_\_\_\_ book.  
a. Purchase book  
b. Purchase return book  
c. Sales return book

(08 Marks)

**B. State whether the following expenditure or receipts are capital or revenue.**

1. Suspense account is created for those errors which can be disclosed by trial balance.
2. AS-2 (revised) is applicable to all enterprises.
3. Sweat shares are issued to employees.
4. Buyback of security is governed by Section 68 of companies act.
5. A partnership firm can issue shares.
6. Sales refers to sale of assets only.
7. A cash book also serves the purpose of a cash account.

(07 Marks)