



# ANGEL'S PUBLIC SCHOOL

## SAMPLE PAPER

PRE-BOARD – II      SESSION 2020 – 21  
CLASS – XII      SUBJECT : BUSINESS STUDIES

TIME : 3 HOURS

M.M = 80

### General Instructions:

1. This question paper comprises **two** Parts – **A** and **B**. There are **32** questions in the question paper. **All** questions are compulsory.
2. **Part A** is **compulsory** for all candidates.
3. **Part B** has two options i.e. (1) Analysis of Financial Statements and (2) Computerized Accounting. You have to attempt only **one** of the given options.
4. Question nos. **1** to **13** and **23** to **29** are very short answer type questions carrying **1** mark each.
5. Question nos. **14** and **30** are short answer type–I questions carrying **3** marks each.
6. Question nos. **15** to **18** and **31** are short answer type–II questions carrying **4** marks each.
7. Question nos. **19**, **20** and **32** are long answer type–I questions carrying **6** marks each.
8. Question nos. **21** and **22** are long answer type–II questions carrying **8** marks each.
9. There is no overall choice. However, an internal choice has been provided in **2** questions of three marks, **2** questions of four marks and **2** questions of eight marks.

<b>Part- A</b> <b>(Accounting for Not for Profit organizations, Partnership firms and Companies)</b>														
1	<p>Which of the following items is not dealt through Profit and Loss Appropriation Account?</p> <p>a. Interest on Partner's Loan b. Partner's Salary c. Interest on Partner's Capital d. Partner's Commission</p>	1												
2	<p>For which of the following situations, the old profit sharing ratio of partners is used at the time of admission of a new partner?</p> <p>a. When new partner brings only a part of his share of goodwill. b. When new partner is not able to bring his share of goodwill. c. When, at the time of admission, goodwill already appears in the balance sheet. d. When new partner brings his share of goodwill in cash.</p>	1												
3	<p>Reserve Capital is not a part of:</p> <p>(a) Authorized Capital      (b) Subscribed capital      (c) Unsubscribed capital      (d) Issued Share Capital</p>	1												
4	<p>Sports Star Charitable club has income of ` 16,000 and 'deficit' debited to capital fund of ` 4,300 for the year 2019-20, then expenditure for the year 2019-20 is:</p> <p>(A) ` 11,700      (B) ` 4,300      (C) ` 20,300      (D) None of these</p>	1												
5	<p>At the time of dissolution of partnership firm, journal entry for the settlement of loan advanced by the firm to a partner would be:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 5%; text-align: center;">a</td> <td style="width: 70%;">Bank A/c     To Loan to Partner A/c</td> <td style="width: 25%; text-align: center;">Dr.</td> </tr> <tr> <td style="text-align: center;">b</td> <td>Loan to partner A/c     To Bank A/c</td> <td style="text-align: center;">Dr.</td> </tr> <tr> <td style="text-align: center;">c</td> <td>Realization A/c     To Loan to Partner A/c</td> <td style="text-align: center;">Dr.</td> </tr> <tr> <td style="text-align: center;">d</td> <td colspan="2">None of these</td> </tr> </tbody> </table>	a	Bank A/c To Loan to Partner A/c	Dr.	b	Loan to partner A/c To Bank A/c	Dr.	c	Realization A/c To Loan to Partner A/c	Dr.	d	None of these		1
a	Bank A/c To Loan to Partner A/c	Dr.												
b	Loan to partner A/c To Bank A/c	Dr.												
c	Realization A/c To Loan to Partner A/c	Dr.												
d	None of these													
6	<p>A company forfeited 4,000 shares of `10 each on which application money of `3 has been paid. Out of these 2,000 shares were reissued as fully paid up and `4,000 has been transferred to capital reserve. Calculate the rate at which these shares were reissued.</p> <p>a.     `10 Per share b.     ` 9 Per share c.     `11 Per share d.     ` 8 Per share</p>	1												

7	<p>On the basis of the following data, how much final payment will be made to a partner on firm's dissolution? Credit balance of capital account of the partner was `50,000. Share of loss on realization amounted to `10,000. Firm's liability taken over by him was for `8,000.</p> <p>a. `32,000 b. `48,000 c. `40,000 d. `52,000</p>	1								
8	<p>Arun and Vijay are partners in a firm sharing profits and losses in the ratio of 5:1.</p> <p><b>Balance Sheet (Extract)</b></p> <table border="1" data-bbox="186 514 1365 598"> <thead> <tr> <th data-bbox="186 514 634 556"><b>Liabilities</b></th> <th data-bbox="634 514 816 556">`</th> <th data-bbox="816 514 1219 556"><b>Assets</b></th> <th data-bbox="1219 514 1365 556">`</th> </tr> </thead> <tbody> <tr> <td data-bbox="186 556 634 598"></td> <td data-bbox="634 556 816 598"></td> <td data-bbox="816 556 1219 598">Machinery</td> <td data-bbox="1219 556 1365 598">40,000</td> </tr> </tbody> </table> <p>If value of machinery in the balance sheet is undervalued by 20%, then at what value will machinery be shown in new balance sheet: (a) `44,000      (b) `48,000      (c) `32,000      (d) `50,000</p>	<b>Liabilities</b>	`	<b>Assets</b>	`			Machinery	40,000	1
<b>Liabilities</b>	`	<b>Assets</b>	`							
		Machinery	40,000							
9	<p>Rex, Tex and Flex are partners in a firm in the ratio of 5:3:2. As per their partnership agreement, the share of deceased partner is to be calculated on the basis of profits and turnover of previous accounting year. Tex expired on 31<sup>st</sup> December 2019. Turnover till the date of death was `18,00,000. Their profits and turnover for the year 2018-19 amounted to `4,00,000 and `20,00,000 respectively.</p> <p>An amount of ` _____ will be given to his executors as his share of profits till the date of death.</p>	1								
10	<p>Retirement or death of a partner will create a situation for the continuing partners, which is known as:</p> <p>A. Dissolution of Partnership B. Dissolution of partnership firm C. Winding up of business D. None of the above</p>	1								
11	<p>A, B and C are partners. C expired on 18<sup>th</sup> December 2019 and as per agreement surviving partners A and B directed the accountant to prepare financial statements as on 18<sup>th</sup> December 2019 and accordingly the share of profits of C (deceased partner) was calculated as `12,00,000. Which account will be debited to transfer C's share of profits:</p> <p>a. Profit and Loss Suspense Account. b. Profit and loss Appropriation Account. c. Profit and loss Account. d. None of the above.</p>	1								
12	<p>E, F and G are partners sharing profits in the ratio of 3:3:2. As per the partnership agreement, G is to get a minimum amount of `80,000 as his share of profits every year and any deficiency on this account is to be personally borne by E. The net profit for the year ended 31st March, 2020 amounted to `3,12,000. Calculate the amount of deficiency to be borne by E?</p> <p>a. `1,000 b. `4,000 c. `8,000</p>	1								

	d. ₹2,000																									
13	<p>Pick the odd one out:</p> <p>a. Rent to partner.</p> <p>b. Manager's Commission.</p> <p>c. Interest on Partner's Loan.</p> <p>d. Interest on Partner's capital.</p>	1																								
14	<p>From the following information, calculate the amount to be charged to Income and Expenditure Account for 'Sports material consumed' for the year 2019-20.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Particulars</th> <th style="text-align: center;">Amount (₹)</th> </tr> </thead> <tbody> <tr> <td>Stock of Sports material (01-04-2019)</td> <td style="text-align: right;">60000</td> </tr> <tr> <td>Amount paid to creditors (during 2019-20)</td> <td style="text-align: right;">3,00,000</td> </tr> <tr> <td>Creditors for Sports Materials (01-04-2019)</td> <td style="text-align: right;">1,00,000</td> </tr> <tr> <td>Creditors for Sports Materials (31-03-2020)</td> <td style="text-align: right;">80000</td> </tr> <tr> <td>Sports Material sold During the year (Book Value Rs.35,000)</td> <td style="text-align: right;">15000</td> </tr> <tr> <td>Cash Purchases of Sports Material (During the Year 2019-20)</td> <td style="text-align: right;">1,30,000</td> </tr> </tbody> </table> <p>There was zero stock at the end of financial year 2019-20.</p> <p style="text-align: center;">Or</p> <p>Calculate the amount of Subscription to be credited to Income and Expenditure account for the year 2019-20.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Particulars</th> <th style="text-align: center;">Amount (₹)</th> </tr> </thead> <tbody> <tr> <td>Amount received during the year ( including ₹ 20,000 for 2018-19 , ₹30,000 for 2020-21 and ₹10,000 for 2021-22)</td> <td style="text-align: right;">7,80,000</td> </tr> <tr> <td>Subscription received in advance as on 01-04-2019 (including ₹15,000 for 2020-21)</td> <td style="text-align: right;">35000</td> </tr> <tr> <td>Subscription in arrears as on 01-04-2019</td> <td style="text-align: right;">40000</td> </tr> <tr> <td>Subscription in arrears as on 31-03-2020</td> <td style="text-align: right;">50000</td> </tr> </tbody> </table> <p>Out of subscription in arrears on 01-04-2019, ₹15,000 are no longer recoverable.</p>	Particulars	Amount (₹)	Stock of Sports material (01-04-2019)	60000	Amount paid to creditors (during 2019-20)	3,00,000	Creditors for Sports Materials (01-04-2019)	1,00,000	Creditors for Sports Materials (31-03-2020)	80000	Sports Material sold During the year (Book Value Rs.35,000)	15000	Cash Purchases of Sports Material (During the Year 2019-20)	1,30,000	Particulars	Amount (₹)	Amount received during the year ( including ₹ 20,000 for 2018-19 , ₹30,000 for 2020-21 and ₹10,000 for 2021-22)	7,80,000	Subscription received in advance as on 01-04-2019 (including ₹15,000 for 2020-21)	35000	Subscription in arrears as on 01-04-2019	40000	Subscription in arrears as on 31-03-2020	50000	3
Particulars	Amount (₹)																									
Stock of Sports material (01-04-2019)	60000																									
Amount paid to creditors (during 2019-20)	3,00,000																									
Creditors for Sports Materials (01-04-2019)	1,00,000																									
Creditors for Sports Materials (31-03-2020)	80000																									
Sports Material sold During the year (Book Value Rs.35,000)	15000																									
Cash Purchases of Sports Material (During the Year 2019-20)	1,30,000																									
Particulars	Amount (₹)																									
Amount received during the year ( including ₹ 20,000 for 2018-19 , ₹30,000 for 2020-21 and ₹10,000 for 2021-22)	7,80,000																									
Subscription received in advance as on 01-04-2019 (including ₹15,000 for 2020-21)	35000																									
Subscription in arrears as on 01-04-2019	40000																									
Subscription in arrears as on 31-03-2020	50000																									
15	<p>Rohit, Raman and Raina are partners in a firm. Their capital accounts on 1st April, 2019, stood at ₹2,00,000, ₹1,20,000 and ₹1,60,000 respectively. Each partner withdrew ₹15,000 during the financial year 2019-20.</p> <p>As per the provisions of their partnership deed:</p> <p>(a) Interest on capital was to be allowed @ 5% per annum.</p> <p>(b) Interest on drawings was to be charged @ 4% per annum.</p> <p>(c) Profits and losses were to be shared in the ratio 5:4:1.</p> <p>The net profit of ₹72,000 for the year ended 31st March 2020, was divided equally amongst the partners without providing for the terms of the deed.</p> <p>You are required to pass a single adjustment entry to rectify the error (Show workings clearly).</p> <p style="text-align: center;">Or</p>	4																								

A&B are partners in the ratio of 3:2. The firm maintains fluctuating capital accounts and the balance of the same as on 31-03-2020 amounted to `1,60,000 and `1,40,000 for A and B respectively. Their drawings during the year were `30,000 each.  
As per partnership deed interest on capital @10% p.a. on opening capitals had been provided to them. Calculate opening capitals of partners given that their profits were `90,000. Show your workings clearly.

16 From the following information complete Journal entries.

4

Date	Particulars	L.F.	Debit (₹)	Credit (₹)
	Share Capital A/c Dr. Securities Premium Reserve A/c Dr. To Share Forfeiture A/c To Calls in Arrears A/c (Being ? shares forfeited for non-payment of ` ? including premium of `2 per share)		? 1000	? 3,500
	Bank A/c Dr. Share Forfeiture A/c Dr. To Share Capital A/c (Being ? shares reissued at `9 per share as fully paid)		? ?	?
	Share forfeiture A/c Dr. To Capital Reserve A/c (Being forfeiture money transferred to capital reserve)		600	600

Dr.		Share forfeiture A/c		Cr.	
Date	Particulars	Amount	Date	Particulars	Amount
	To Share Capital A/c To Capital reserve A/c To Balance c/d	? 600 600		By Share Capital A/c	1500
		1500			1500

(Face value of share is `10 each)

17 Pass necessary journal entries in the following cases on the dissolution of a partnership firm of partners X, Y, A and B:

4

- (i) Realization expenses of `5,000 were to borne by X, a partner. However, it was paid by Y.
- (ii) Investments costing `25,000 (comprising 1000 shares), had been written off from the books completely. These shares are valued at `20 each and were divided amongst the partners.
- (iii) Y's loan of `50,000 settled at `48,000.
- (iv) Machinery (book value `6,00,000) was given to creditor at a discount of 20%.

18 Ajay, Binod and Chandra entered into partnership on 1st April 2019 with a capital of ₹3,00,000, ₹2,00,000 and ₹1,00,000 respectively. In addition to capital Chandra has advanced a loan of ₹1,00,000. Since they had no agreement to guide them, they faced following issues during and at the end of the year.

1. Ajay wanted interest on capital to be provided @8% pa but Binod and Chandra did not agree.
2. Chandra wanted that interest on loan be paid to him @ 10% pa but Ajay and Binod wanted to pay @ 5% pa.
3. Ajay and Binod demanded to share profits in the ratio of their capital contribution, Chandra is not in agreement with this proposal.
4. Binod, being working partner, demands a lump sum payment of ₹40,000 as remuneration for which other partners are not in agreement.

You are required to suggest and help them resolve these issues.

19 From the following Receipts and Payments Account of Krish Fitness and wellness Club for the year ended 31st March 2020, prepare Income and Expenditure Account.

**Receipts and Payments Account**  
For the year ending 31st March, 2020

Dr.			Cr.
Receipts	Amount	Payments	Amount
To Balance b/d	85,000	By Doctors and Coaches Honorarium	25,000
To Subscription	68,500	By Medicines	15,500
To Entrance Fees	25,000	By Medical Equipment	30,000
To Life Membership Fees	30,000	By General Expenses	8,000
To Donations for tournament fund	20,000	By Furniture	20,000
To Sale of old Medical equipment (Book Value ₹15,000)	5,000	By Newspaper	8,000
To Miscellaneous Receipts	15,000	By Rent, Rates and Taxes	5,000
		By Tournament expenses	60,000
		By Balance c/d	77,000
	248500		248500

**Additional Information:**  
Following opening balances appeared in the books on 1st April, 2019.

- (a) Tournament fund ₹15,000.
- (b) Medical Equipment ₹1,50,000.
- (c) Outstanding Subscription was ₹8,000 and Advance Subscription ₹5,000 (for 2019-20).

During the year 2019-20 Depreciation on medical equipment was ₹25,000.  
There were 600 members each paying an annual subscription of ₹100.

20 i) Neeraj Ltd. took over business of Ajay enterprises on 1-04-2020. The details of the agreement regarding the assets and liabilities to be taken over are:

Particulars	Book Value (₹)	Agreed Value (₹)
Building	20,00,000	35,00,000
Plant and Machinery	12,00,000	8,00,000
Stock	4,00,000	4,00,000

**Sample Paper – Accountancy (2020-21)**

Trade receivables	5,00,000	4,00,000
Creditors	2,00,000	3,00,000
Outstanding Expenses	50,000	1,00,000

It was decided to pay for purchase consideration as `7,00,000 through Cheque and balance by issue of 2,00,000, 9% Debentures of `20 each at a premium of 25%. Journalize.

ii) On April 1, 2019 Z Ltd. issued, 10,000, 8% Debentures of `100 each at premium of 5%, to be redeemable at a premium of 10%, after 5 years. The entire amount was payable on application. The issue was oversubscribed to the extent of 10,000 debentures and the allotment was made proportionately to all the applicants. The securities premium amount has not been utilized for any other purpose during the year. Give journal entries for the issue of debentures and writing off loss on issue of debentures.

21 Sunaina and Tamanna are partners in a firm sharing profits and losses in the ratio of 3:2. Their Balance Sheet as at 31st March, 2020 stood as follows: 8

**Balance Sheet**

Liabilities	Amount (₹)	Assets	Amount (₹)
Capital Accounts:		Plant & Machinery	1,20,000
Sunaina      60,000		Land and Building	1,40,000
Tamanna     80,000	1,40,000	Debtors                      1,90,000	
Current Accounts:		Less: Provision for	
Sunaina     10,000		Doubtful debts    (40,000)	1,50,000
Tamanna     30,000	40,000	Stock	40,000
General Reserve	1,20,000	Cash	30,000
Workmen's Compensation Reserve	50,000	Goodwill	20,000
Creditors	1,50,000		
	5,00,000		5,00,000

They agreed to admit Pranav into partnership for 1/5th share of profits on 1st April, 2020, on the following terms:

- All Debtors are good.
- Value of land and building to be increased to `1,80,000.
- Value of plant and machinery to be reduced by `20,000.
- The liability against Workmen's Compensation Fund is determined at `20,000 which is to be paid later in the year.
- Mr. Anil, to whom `40,000 were payable (already included in above creditors), drew a bill of exchange for 3 months which was duly accepted.
- Pranav to bring in capital of `1,00,000 and `10,000 as premium for goodwill in cash.

Journalize.

Or

Krish, Vrish and Peter are partners sharing profits in the ratio of 3:2:1. Vrish retired from the firm. On that date the Balance Sheet of the firm was as follows :

**Balance Sheet as on March 31, 2020**

Liabilities	(₹)	Assets	(₹)
Creditors	15,000	Bank	7,600
General Reserve	12,000	Furniture	41,000

**Sample Paper – Accountancy (2020-21)**

Bills Payable	12,000	Stock	9,000
Outstanding Salary	2,200	Premises	80,000
Provision for Legal Damages	6,000	Debtors	6,000
Capitals		Less: Provision for Doubtful Debts	400
Krish	46,000		5,600
Vrish	30,000		
Peter	20,000		
	1,43,200		1,43,200

**Additional Information :**

- Premises to be appreciated by 20%, Stock to be depreciated by 10% and Provision for doubtful debts was to be maintained @5% on Debtors. Further, provision for legal damages is to be increased by ` 1,200 and furniture to be brought up to ` 45,000.
- Goodwill of the firm is valued at ` 42,000.
- ` 26,000 from Vrish's Capital account be transferred to his loan account and balance to be paid through bank; if required, necessary loan may be obtained from bank.
- New profit sharing ratio of Krish and Peter is decided to be 5:1.

Prepare Revaluation Account, Partners Capital Accounts and Balance Sheet.

- 22 Zocon Ltd. issued a prospectus inviting applications for 5,00,000 equity shares of `10 each issued at a premium of 10% payable as:
- `3 on Application
  - `5 on Allotment (including premium)
  - and `3 on call.
- Applications were received for 6, 60,000 shares.
- Allotment was made as follows:
- Applicants of 4, 00,000 shares were allotted in full.
  - Applicants of 2, 00,000 shares were allotted 50% on pro rata basis.
  - Applicants of 60,000 shares were issued letters of regret.
- A shareholder to whom 500 shares were allotted under category (a) paid full amount on shares allotted to him along with allotment money. Another shareholder to whom 1,000 shares were allotted under category (b) failed to pay the amount due on allotment. His shares were immediately forfeited. These shares were then reissued at `14 per share as `7 paid up. Call has not yet been made.
- Journalise.
- Or
- X Ltd. has offered 50000 equity shares of `100 each at a premium of `20, payable as follows:
- Application `50
  - Allotment `40 (including premium)
  - and balance on first and final call.
- The bank account of the company has received `35, 00,000 on account of share application money.
- X Ltd. decided to allot shares to all the applicants on Pro Rata basis. The balance in calls in arrears account at the time of allotment and first and final call amounted to `1, 00,000 and `1, 50,000 respectively. These shares were forfeited and re-issued at `90 per share as fully paid up. Journalize.

8

**Part – B  
(Analysis of Financial statements)**



23	<p style="text-align: center;"><u>Balance Sheet (Extract)</u></p> <table border="1" style="width: 100%; margin-bottom: 10px;"> <thead> <tr> <th style="width: 60%;"><b>Equity and liabilities</b></th> <th style="width: 20%;">31-3-2019</th> <th style="width: 20%;">31-3-2020</th> </tr> </thead> <tbody> <tr> <td>12% Debentures</td> <td style="text-align: center;">2,00,000</td> <td style="text-align: center;">1,60,000</td> </tr> </tbody> </table> <p>Additional Information: Interest on debentures is paid on half yearly basis on 30<sup>th</sup> September and 31<sup>st</sup> March each year. Debentures were redeemed on 30th September 2019.</p> <p>How much amount (related to above information) will be shown in Financing Activity for Cash Flow Statement prepared on 31<sup>st</sup> March 2020?</p> <p>A. Outflow `40,000. B. Inflow `42,600. C. Outflow `61,600. D. Outflow `64,000</p>	<b>Equity and liabilities</b>	31-3-2019	31-3-2020	12% Debentures	2,00,000	1,60,000	1		
<b>Equity and liabilities</b>	31-3-2019	31-3-2020								
12% Debentures	2,00,000	1,60,000								
24	What will be the Current ratio of a company whose Net Working Capital is Zero?	1								
25	<p>Which of the following is not a part of Finance Cost (in statement of profit and loss)?</p> <table style="width: 100%;"> <tbody> <tr> <td style="width: 50%;">(a) Bank Charges</td> <td style="width: 50%;">(b) Interest Paid on Debentures</td> </tr> <tr> <td>(c) Interest Paid on Public Deposits</td> <td>(d) Loss on Issue of Debentures</td> </tr> </tbody> </table>	(a) Bank Charges	(b) Interest Paid on Debentures	(c) Interest Paid on Public Deposits	(d) Loss on Issue of Debentures	1				
(a) Bank Charges	(b) Interest Paid on Debentures									
(c) Interest Paid on Public Deposits	(d) Loss on Issue of Debentures									
26	<p>Which of the following is not an investing cash flow?</p> <p>A. Purchase of marketable securities for `25,000 cash. B. Sale of land for `28,000 cash. C. Sale of 2,500 shares (held as investment) for `15 each. D. Purchase of equipment for `500 cash.</p>	1								
27	Proposed dividend is a _____ liability.	1								
28	<p>The _____ may indicate that the firm is experiencing stock outs and lost sales.</p> <p>a. Average payment period b. Inventory turnover ratio c. Average collection period d. Quick ratio</p>	1								
29	<p>Current ratio of Vidur Pvt. Ltd. is 3:2. Accountant wants to maintain it at 2:1. Following options are available.</p> <table style="width: 100%;"> <tbody> <tr> <td style="width: 50%;">(i) He can repay Bills Payable</td> <td style="width: 50%;">(ii) He can purchase goods on credit</td> </tr> <tr> <td>(iii) He can take short term loan</td> <td></td> </tr> </tbody> </table> <p>Choose the correct option</p> <table style="width: 100%;"> <tbody> <tr> <td style="width: 50%;">(a) Only (i) is correct</td> <td style="width: 50%;">(b) Only (ii) is correct</td> </tr> <tr> <td>(c) Only (i) and (iii) are correct</td> <td>(d) Only (ii) and (iii) are correct</td> </tr> </tbody> </table>	(i) He can repay Bills Payable	(ii) He can purchase goods on credit	(iii) He can take short term loan		(a) Only (i) is correct	(b) Only (ii) is correct	(c) Only (i) and (iii) are correct	(d) Only (ii) and (iii) are correct	1
(i) He can repay Bills Payable	(ii) He can purchase goods on credit									
(iii) He can take short term loan										
(a) Only (i) is correct	(b) Only (ii) is correct									
(c) Only (i) and (iii) are correct	(d) Only (ii) and (iii) are correct									
30	<p>Calculate proprietary ratio, if Total assets to Debt ratio is 2:1. Debt is `5,00,000. Equity shares capital is 0.5 times of debt. Preference Shares capital is 25% of equity share capital. Net profit before tax is `10,00,000 and rate of tax is 40%.</p> <p style="text-align: center;"><b>Or</b></p> <p>From the following information, calculate 'Interest Coverage Ratio.</p> <table style="width: 100%;"> <tbody> <tr> <td style="width: 50%;">Profit after interest and tax</td> <td style="width: 50%; text-align: center;">`7,50,000</td> </tr> </tbody> </table>	Profit after interest and tax	`7,50,000	3						
Profit after interest and tax	`7,50,000									

	Rate of income tax 9 % Debentures	25% `8,00,000																																																																										
31	Prepare a comparative Statement of Profit and Loss from the following:			4																																																																								
	<table border="1"> <thead> <tr> <th>Particulars</th> <th>31.03.19 (')</th> <th>31.03.20 (')</th> </tr> </thead> <tbody> <tr> <td>Revenue From operations</td> <td>20,00,000</td> <td>25,00,000</td> </tr> <tr> <td>Cost of materials Consumed</td> <td>10,00,000</td> <td>13,00,000</td> </tr> <tr> <td>Other Expenses</td> <td>--nil--</td> <td>1,20,000</td> </tr> <tr> <td>Tax rate</td> <td>50%</td> <td>50%</td> </tr> </tbody> </table>			Particulars	31.03.19 (')	31.03.20 (')	Revenue From operations	20,00,000	25,00,000	Cost of materials Consumed	10,00,000	13,00,000	Other Expenses	--nil--	1,20,000	Tax rate	50%	50%																																																										
Particulars	31.03.19 (')	31.03.20 (')																																																																										
Revenue From operations	20,00,000	25,00,000																																																																										
Cost of materials Consumed	10,00,000	13,00,000																																																																										
Other Expenses	--nil--	1,20,000																																																																										
Tax rate	50%	50%																																																																										
	<b>Or</b>																																																																											
	From the following Balance Sheet of R Ltd., Prepare a Common Size Statement																																																																											
	Balance Sheet of R Ltd. (as at 31 <sup>st</sup> March, 2020).																																																																											
	<table border="1"> <thead> <tr> <th>Particulars</th> <th>Note no.</th> <th>31.3.2020 (')</th> <th>31.3.2019 (')</th> </tr> </thead> <tbody> <tr> <td colspan="4"><b>I EQUITY AND LIABILITIES</b></td> </tr> <tr> <td>1. Shareholder's Funds:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>    a. Share Capital</td> <td></td> <td>2,50,000</td> <td>2,00,000</td> </tr> <tr> <td>    b. Reserve and Surplus</td> <td></td> <td>80,000</td> <td>60,000</td> </tr> <tr> <td>2. Current Liabilities:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>    a. Trade Payable</td> <td></td> <td>70,000</td> <td>40,000</td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td></td> <td><b>4,00,000</b></td> <td><b>3,00,000</b></td> </tr> <tr> <td colspan="4"><b>II ASSETS</b></td> </tr> <tr> <td>1. Non-Current Assets:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>    a. Fixed Assets:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>        i. Tangible Assets</td> <td></td> <td>1,60,000</td> <td>1,20,000</td> </tr> <tr> <td>        ii. Intangible Assets</td> <td></td> <td>20,000</td> <td>30,000</td> </tr> <tr> <td>2. Current Assets</td> <td></td> <td></td> <td></td> </tr> <tr> <td>    a. Inventories</td> <td></td> <td>80,000</td> <td>30,000</td> </tr> <tr> <td>    b. Trade Receivables</td> <td></td> <td>1,20,000</td> <td>1,00,000</td> </tr> <tr> <td>    c. Cash and Cash Equivalentents</td> <td></td> <td>20,000</td> <td>20,000</td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td></td> <td><b>4,00,000</b></td> <td><b>3,00,000</b></td> </tr> </tbody> </table>				Particulars	Note no.	31.3.2020 (')	31.3.2019 (')	<b>I EQUITY AND LIABILITIES</b>				1. Shareholder's Funds:				a. Share Capital		2,50,000	2,00,000	b. Reserve and Surplus		80,000	60,000	2. Current Liabilities:				a. Trade Payable		70,000	40,000	<b>Total</b>		<b>4,00,000</b>	<b>3,00,000</b>	<b>II ASSETS</b>				1. Non-Current Assets:				a. Fixed Assets:				i. Tangible Assets		1,60,000	1,20,000	ii. Intangible Assets		20,000	30,000	2. Current Assets				a. Inventories		80,000	30,000	b. Trade Receivables		1,20,000	1,00,000	c. Cash and Cash Equivalentents		20,000	20,000	<b>Total</b>		<b>4,00,000</b>	<b>3,00,000</b>
Particulars	Note no.	31.3.2020 (')	31.3.2019 (')																																																																									
<b>I EQUITY AND LIABILITIES</b>																																																																												
1. Shareholder's Funds:																																																																												
a. Share Capital		2,50,000	2,00,000																																																																									
b. Reserve and Surplus		80,000	60,000																																																																									
2. Current Liabilities:																																																																												
a. Trade Payable		70,000	40,000																																																																									
<b>Total</b>		<b>4,00,000</b>	<b>3,00,000</b>																																																																									
<b>II ASSETS</b>																																																																												
1. Non-Current Assets:																																																																												
a. Fixed Assets:																																																																												
i. Tangible Assets		1,60,000	1,20,000																																																																									
ii. Intangible Assets		20,000	30,000																																																																									
2. Current Assets																																																																												
a. Inventories		80,000	30,000																																																																									
b. Trade Receivables		1,20,000	1,00,000																																																																									
c. Cash and Cash Equivalentents		20,000	20,000																																																																									
<b>Total</b>		<b>4,00,000</b>	<b>3,00,000</b>																																																																									
32	Prepare Cash Flow Statement on the basis of information given in the Balance Sheets of Relga Ltd. as at 31st March, 2019 and 31st March, 2020:			6																																																																								
	<table border="1"> <thead> <tr> <th>Particulars</th> <th>Note No.</th> <th>31st March 2019</th> <th>31st March 2020</th> </tr> </thead> <tbody> <tr> <td colspan="4"><b>I. Equity and Liabilities</b></td> </tr> <tr> <td colspan="4"><b>1. Shareholder's Funds</b></td> </tr> <tr> <td>    (a) Share Capital</td> <td></td> <td>2,00,000</td> <td>2,50,000</td> </tr> <tr> <td>    (b) Reserves and Surplus</td> <td>1</td> <td>50,000</td> <td>70,000</td> </tr> <tr> <td colspan="4"><b>2. Non-current Liabilities</b></td> </tr> <tr> <td>    Long-term Borrowings</td> <td>2</td> <td>1,00,000</td> <td>80,000</td> </tr> <tr> <td colspan="4"><b>3. Current Liabilities</b></td> </tr> <tr> <td>    (a) Trade Payables</td> <td>3</td> <td>60,000</td> <td>1,60,000</td> </tr> <tr> <td>    (b) Other Current Liabilities</td> <td>4</td> <td>25,000</td> <td>20,000</td> </tr> </tbody> </table>				Particulars	Note No.	31st March 2019	31st March 2020	<b>I. Equity and Liabilities</b>				<b>1. Shareholder's Funds</b>				(a) Share Capital		2,00,000	2,50,000	(b) Reserves and Surplus	1	50,000	70,000	<b>2. Non-current Liabilities</b>				Long-term Borrowings	2	1,00,000	80,000	<b>3. Current Liabilities</b>				(a) Trade Payables	3	60,000	1,60,000	(b) Other Current Liabilities	4	25,000	20,000																																
Particulars	Note No.	31st March 2019	31st March 2020																																																																									
<b>I. Equity and Liabilities</b>																																																																												
<b>1. Shareholder's Funds</b>																																																																												
(a) Share Capital		2,00,000	2,50,000																																																																									
(b) Reserves and Surplus	1	50,000	70,000																																																																									
<b>2. Non-current Liabilities</b>																																																																												
Long-term Borrowings	2	1,00,000	80,000																																																																									
<b>3. Current Liabilities</b>																																																																												
(a) Trade Payables	3	60,000	1,60,000																																																																									
(b) Other Current Liabilities	4	25,000	20,000																																																																									

<b>Total</b>		<u>4,35,000</u>	<u>5,80,000</u>
<b>II. Assets</b>			
<b>1. Non-current Assets</b>			
(a) Fixed Assets			
(i) Tangible Assets	5	1,50,000	2,00,000
(ii) Intangible Assets	6	10,000	2,000
(b) Long-term Loans and Advances		1,00,000	1,30,000
<b>2. Current Assets</b>			
(a) Inventories		70,000	90,000
(b) Trade Receivables		40,000	60,000
(c) Cash and Cash Equivalent		65,000	98,000
<b>Total</b>		<u>4,35,000</u>	<u>5,80,000</u>

#### Note to Accounts

Particulars	31st March 2019	31st March 2020
<b>1. Reserves and Surplus</b>		
General Reserve	<u>50,000</u>	<u>70,000</u>
<b>2. Long-term Borrowings</b>		
12% Debentures	<u>1,00,000</u>	<u>80,000</u>
<b>3. Trade Payables</b>		
Creditors	40,000	60,000
Bills Payable	20,000	1,00,000
	<u>60,000</u>	<u>1,60,000</u>
<b>4. Other Current Liabilities</b>		
Outstanding Expenses	<u>25,000</u>	<u>20,000</u>
<b>5. Tangible Fixed Assets</b>		
Machinery	2,00,000	2,60,000
Less: Provision for Depreciation	<u>(50,000)</u>	<u>(60,000)</u>
	<u>1,50,000</u>	<u>2,00,000</u>
<b>6. Intangible Fixed Assets</b>		
Goodwill	<u>10,000</u>	<u>2,000</u>

#### Additional Information:

- During the year a piece of machinery with a book value of ₹ 30,000; provision for depreciation on it ₹ 10,000 was sold at a loss of 50% on book value.
- Debentures were redeemed on 31<sup>st</sup> March 2020.

#### Part – B (Computerised Accounting)

23	What is meant by 'Primary Key'?	1
24	Computerised Accounting system takes (i) _____ as inputs which are processed through (ii) _____ to generate reports.	1
25	A cell reference that holds either row or column constant when the formula or function is copied to another location is known as : (A) Absolute cell reference	1

	(B) Ranges (C) Relative cell reference (D) Mixed cell reference	
26	The data is classified for creating groups of accounts in the heads of : (A) Assets, Liabilities and Capital (B) Assets, Owners' equity, Revenue and Expenses (C) Assets, Capital, Liabilities, Revenue and Expenses (D) Capital, Revenue and Expenses	1
27	A1 : E2 in Excel refers to : (A) Column on Excel sheet (B) Row on Excel sheet (C) Column between start and end points of Excel sheet (D) Alphabets between A to E on Excel sheet.	1
28	Name the data element in accounting transaction.	1
29	Which of the following is not a limitation of Computerised Accounting system? (A) Data may be lost or corrupted due to power interruptions. (B) Data is prone to hacking. (C) Data is not made available to everybody. (D) Unprogrammed and un-specified reports cannot be generated.	1
30	Explain 'Null Values' and 'Complex Attributes'.  OR Explain any three types of vouchers used for entry in Tally software with the help of examples.	3
31	Q. Explain 'Sequential' and 'Mnemonic' codes.  Or What is meant by a graph? Explain any three of its advantages.	4
32	Identify the error that appears when there are invalid numeric values in a formula or function. How can this error be rectified? Explain.	6