

PART – 4

Examinations

Annexure – 4.3.1 to 4.3.12 (b)



V.B. Gupta <dec.dei@gmail.com>

UGC (ODL Programmes & On-line Programmes) Regulations, 2020

V.B. Gupta <dec.dei@gmail.com>

March 2021 at 13:51

To: Anand Mohan Registrar DEI <registrar.dei@gmail.com>

I would like to suggest that the forthcoming meeting of the Governing Body of the Institute takes note of the UGC (ODL Programmes & On-line Programmes) Regulations, 2020 and adopts them for implementation.

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Resolved that the bar on maximum age limit of 72 years and 70 years for the appointment/ Extension of Emeritus Faculty, Emeritus Teacher and Honorary Staff respectively be dropped subject to fulfilling the above stated conditions.

5. Considered implementing the UGC (ODL Programmes & On-line Programmes) Regulations, 2020. (Appendix-I)

Resolved that the above stated regulations as given in Appendix-I be and is hereby approved.

- 6(a). Considered the request of Dr. Ritika Ashthana, Assistant Professor, Department of Surgery, AYUSH for sanction of leave from 7.12.2020 to 9.1.2021 (34 days').

Resolved that due to non-admissibility of leave to Dr. Ritika Ashthana, her request for leave from 7.12.2020 to 9.1.2021 be treated as without pay.

- 6(b). Considered the request of Shri Vinod Chandra, Farrash, Department of Chemistry, Faculty of Science for sanction of leave from 1.2.2021 to 28.2.2021 in continuation to earlier sanctioned leave to him from 1.10.2020 to 31.1.2021.

The Board of Management (Governing Body) noted that he was not present on duty from 6.7.2020 to 30.9.2020 and due to Covid-19 pandemic, the leave was not granted to him for this period but his absence was noted.

Resolved that the following leave be and is hereby sanctioned to Shri Vinod Chandra, Farrash, Department of Chemistry, Faculty of Science:-

- (a) Medical leave from 1.10.2020 to 21.1.2021 (113 days)
(b) Earned leave on full pay from 22.1.2021 to 28.2.2021 (38 days) on medical grounds.

7. Considered the proposal for closing the following current bank accounts which are in Radhasoami Urban Co-op. Bank, Dayalbagh and opening new savings bank accounts in lieu of the closed current accounts, as given under:

List of current accounts to be closed (R.S. Urban Co-op. Bank, Dayalbagh)

S.No.	Account Name	Account Number
1	DEI Faculty of Education	000101017401
2	DEI Faculty of Arts	000101017301
3	DEI Innovation Incubation & Entrepreneurship Centre	000102060101
4	DEI Seminar Hall Complex Account	000102059201
5	DEI Girls Hostel-II - Hostel Account	000102060701
6	DEI Girls Hostel-II - Mess Account	000102060801
7	DEI Boys Hostel (Senior) - Hostel Account	000102061101
8	DEI Boys Hostel (Senior) - Mess Account	000102061201
9	Girl's Hostel - Purushottam Bagh - Hostel Account	000102060501
10	Girl's Hostel - Purushottam Bagh - Mess Account	000102060601
11	DEI Boys Hostel (Junior) - Hostel Account	000102060901
12	DEI Boys Hostel (Junior) - Mess Account	000102061001
13	DEI Girls Hostel- Hostel Account	000102060301
14	DEI Girls Hostel- Mess Account	000102060401

**DAYALBAGH EDUCATIONAL INSTITUTE
(DEEMED UNIVERSITY)
DAYALBAGH AGRA**

EXAMINATION CUM EVALUATION SYSTEM (ONLINE PROGRAMMES)

Evaluation system of Dayalbagh Educational Institute (DEI) is the soul of its innovative educational programme and radically alters the learning process to the benefit of the students. The result of a single examination does not determine the fate of the students. Examination and evaluation is a continuous and convenient exercise.

Continuous Evaluation: The academic progress of students registered under different programmes is evaluated continuously through a series of periodic evaluation comprising the following:

Theory Courses

- Daily Home Assignments (DHAs): Home Assignments & Class Assignments
- Additional Assignment: Seminar & G.D./Surprise Tests/Viva Voce etc.
- Tests/End Semester Examination

Practical Courses

- Record-cum-Home Assignments with Seminar & G.D. and Viva Voce
- Practical Tests & Viva Voce
- Semester/Module End Semester Examination

The Institute follows the credit-system of evaluation. Each course is allotted credits in proportion to the time expected to be devoted by the candidate for that course.

Based on their academic performance, students are graded on an 11 point scale. A description of the grades, corresponding grade point values and the achievement level is given in the table below:

Grade	Grade Points	Achievement
A	10	Outstanding
A–	9	Excellent
B	8	Very Good
B–	7	Good
C	6	Above Average
C–	5	Average
D	4	Below Average
D–	3	Just Pass
E	2	Unsatisfactory
E–	1	Poor
F	0	Very Poor

Students are awarded Semester/Module Grade Point Average (SGPA/MGPA) at the end of each semester/module by averaging the Grade Points (GP) in the ratio of the credit weightage (C) of each course.

The procedure for calculation of SGPA/MGPA is as follows:

$$\text{SGPA/MGPA} = \frac{\text{GP}_1 \times C_1 + \text{GP}_2 \times C_2 + \dots + \text{GP}_n \times C_n}{C_1 + C_2 + \dots + C_n}$$

The overall performance for a given programme is given as Cumulative Grade Point Average (CGPA) which is calculated in a similar way for the subjects credited during the entire programme. Multiplication of CGPA by 10 yields the equivalent percentage marks gained by a student.

Award of Division: The minimum CGPA for different divisions is given in the following table and is common for both PG and UG Programmes:

Division	CGPA
First with Distinction	8.50
First	6.00
Second	4.50

Minimum Grade for a pass is 'D-' in each individual course. Securing less than this Grade in any course will be treated as having failed in that course.

Rules of remedial for the courses being offered under Semester System

Failure in a course due to non-appearance in studies and/or examinations(s) on medical or any other ground, whatsoever, will be treated as failure in that course

If a student fails in up to two courses, one semester each, in the Under Graduate programmes (excluding Honours Class) or fails in up to one course, one semester each, in the Honours Class and Post Graduate programmes, he may opt for remedial course(s). The remedial examination will be held after the declaration of result of the semester concerned. Provided further that a student will be allowed to continue in the even semester of a session only when he has not been declared "FAIL" in the odd semester of that session.

If a student fails in more than two courses, one semester each, in the Under Graduate Programmes (excluding Honours Class) or fails in more than one course, one semester each, in the Honours Class and Post Graduate programmes, or if he does not pass all the courses after the remedial examination or if he misses one/both the semesters of an academic session in part or whole, he will get only one more chance to repeat all the courses of the said semester(s) in the next succeeding session but in that case he can do so only when he re-registers for all the courses of the semester concerned, afresh.

During the repeat session also if a candidate:

- (i) Fails in up to two courses, one semester each, in the Under Graduate Programmes (excluding Honours Class) or fails in up to one course, one semester each, in the Honours Class and Post Graduate programmes, he may opt for remedial course(s). The remedial examination will be held after the declaration of result of the semester concerned.
- (ii) Fails in more than two courses, one semester each, in the Under Graduate programmes (excluding Honours Class) or fails in more than one course, one semester each, in the Honours Class and Post

Graduate programmes, or if he does not pass all the courses after the remedial examination or if he misses one/both the semesters of an academic session in part or whole, he will leave the Institute and he will not be re-admitted in the same course of study.

[Academic Council R.No. 16 dated 21-7-2017]

Candidates opting for remedial courses shall prepare for the course content and take remedial training in each course soon after declaration of result of concerned semester in which they have got remedial before being examined. Students appearing in the Remedial Examinations will be placed in the Grades D or lower only. Grade higher than D is not awarded in the Remedial Examinations. Students getting E, E- or F grades will be declared as failed.

Maximum duration allowed for completion of course

A student will be allowed to remain on the rolls of the Institute for a particular course of study for a duration not exceeding twice the period required in one attempt for passing that course of study. The aforesaid duration will be treated as maximum and shall also include failures as well as break(s) in study, if any, for that course of study.

**ABM/ CLM 302:Financial
Management
Semester Ending 2021**

Test # 1

MaximumMarks:40

Maximum Time: 100Minutes

Instructions: Attempt any **FOUR** questions. All questions carry equal marks.

1. What is financial management? Explain briefly the objectives of financial management.
2. Explain briefly structure of finance organization and the functions of finance organization in a large businessfirm.
3. of capitalstructure of a businessfirm.
4. Explain in detail the Net Operating Income (NOI) theory of capital structure with justification.
5. The profits of a company after meeting its interest liability of Rs. 1,20,000 (on its 12% debentures) are Rs. 3,00,000 per annum. It has 80,000 equity shares (Rs. 10 each) and the retained earnings of Rs. 12,00,000. The applicable corporate tax rate is 50%. The Company proposes to introduce an innovation-cum-expansion plan requiring investment of Rs. 4,00,000. The finance manager of the company anticipatesthatthecompany,afterexpansion,willbeabletoachievethesame rate of return on investment as it has at present. The funds required for expansion can be raised either through debt (at 12% interest rate) or through the issue of equity shares atpar.

Youarerequiredto:(a)ComputetheEarningsPerShare(EPS),ifadditionalfunds were raised by way of (i) Debt, or (ii) Equity Shares; and (b) Advise the company as to which source of finance ispreferable.

6. The capital structure of a company consists of 2,000 debentures (first issue) of Rs. 100 each at 6 percent coupon rate, 1,000 debentures (second issue) of Rs. 100 each at @ 7 percent interest rate, 2,000 preference shares of Rs. 100 each @ 8 percent dividend, 40,000 equity shares of Rs. 10 each and retained earnings Rs. 1,00,000. The company expects equity earnings of Rs. 2.50 per share. It has decided to pay dividend @ 80% of equity earnings. The shares of the company are sold in the market at book value. Corporate tax rate is 50percent.

You are required to calculate Weighted Average Cost of Capital (WACC) of the company.

Dayalbagh Educational Institute
ABM/CLM302: Financial Management
Semester Ending December 2021

Test #2

Maximum Marks: 40

Maximum Time: 100 Minutes

Instructions: Attempt any **FOUR** questions. All questions carry equal marks.

1. What do you mean by leverage? Explain implications of operating and financial leverage in business decisions.
2. Write short notes on: (a) Working Capital Cycle (b) Factoring Services
3. What are the objectives of receivables management? How can a firm succeed in maintaining investment in receivables at the optimum level?
4. Write short notes on: (a) Miller-Orr Cash Management Model (b) Calculation of Economic Order Quantity
5. Cost sheet of J.P. Pharmareveal per unit cost of raw material – Rs. 50, direct labour – Rs. 20, and overheads (including depreciation of Rs. 10) – Rs. 40. It sells the product at Rs. 130 per unit. Other relevant information is – (a) average raw material in stock is for one month, (b) finished goods lie in the warehouse for one month, (c) average materials in work-in-progress is for half month, (d) credit allowed by suppliers is one month, (e) credit allowed to debtors is one month, (f) average time lag in payment of wages is 10 days, (g) average time lag in payment of overheads is 30 days, (h) 25 percent of the sales are on cash basis, and (i) cash balance expected to be Rs. 1 lakh. You are required to prepare a statement of the working capital needed to finance a level of the activity of 54,000 units of output. Production is carried on evenly throughout the year and wages and overheads accrue similarly. State your assumptions, if any, clearly.

6. A company is contemplating two alternative assets A and B costing Rs. 60000 and Rs. 80000. The life of asset A is 3 years, and earnings after tax expected from it is Rs. 10,000 p.a. Asset B is expected to last for 4 years and give after tax cash benefit of Rs. 32,500 p.a. Evaluate the alternatives by using (a) Pay-back Period method, and (b) Net Present Value method. Expected rate of return of the industry is 10 percent. PV factor of Rupee for year 1 to 5 is 0.909, 0.826, 0.751, 0.683, and 0.621 respectively.

Dayalbagh Educational Institute
End Semester Examination – December 2021 ABM 302/ CLM 302:
Financial Management

Maximum Marks: 50 Maximum Time: 3 Hours

Note: Attempt all questions (10 marks each)

1. Write a detailed note on process of financial planning in a large business firm.
2. Explain clearly traditional theory of capital structure.
3. Write short notes on: (a) Venture Capital Financing (b) Weighted Average Cost of Capital

Or

Attempt both parts (a) and (b).

4. A firm has sales of Rs. 10 lakh. Its total variable cost and fixed cost is Rs. 7 lakh and Rs. 2 lakh respectively. The firm has borrowings of Rs. 5 lakh at 10 percent interest rate. Find degree of operating, financial and combined leverage of the firm. Also calculate percent increase in sales required to double EBIT of the firm.
5. The net worth of a firm is Rs. 25 lakh and operating profit is Rs. 20 lakh. It has debt-equity mix is 3 : 1. The debt carries 12 percent interest burden. Does firm have high financial leverage?
6. Write short notes on: (a) Working Capital Cycle, (b) Management of Receivables

Or

Zydus Limited purchases 1,600 units of a component consumed annually, from Bolts & Pins Associates. The annual cost of holding each unit of component is Rs. 8 and cost of placing order each time is Rs. 100. Calculate (i) Economic Order Quantity, (ii) Reorder Level, and (iii) Maximum and Minimum Inventory Level, if company operates 320 days in a year, material procurement time is 10 days, and safety stock is 20 units.

7. Write detailed note on: (a) Effective Rate of Interest (c) Present Value of Rupee and Annuity

Or

NPL Limited is considering the purchase of a new machine. Two alternative machines A and B, each costing Rs. 4 lakh have been suggested. The vendor of machine B has mentioned clearly in quotation that machine will need overhauling at the end of year 2, and tentative expense will be Rs. 30,000. The earnings after tax but before depreciation expected from A are Rs. 40,000, Rs. 1,20,000, Rs. 1,60,000, Rs. 2,40,000, and Rs. 1,60,000. The profit after tax expected from B are Rs. 40,000, Rs. 80,000, Rs. 1,20,000, Rs. 40,000, and zero. Firm's target rate of return on investment is 10 percent. The present value factor of rupee at 10 percent discount rate for 5 years is 0.909, 0.826, 0.751, 0.683, and 0.621. You are required to compare the alternatives by calculating (i) Pay-back Period, and (ii) Net Present Value.

DAYALBAGH EDUCATIONAL INSTITUTE
(DEEMED TO BE UNIVERSITY)
DAYALBAGH, AGRA-282005 (INDIA)

PROGRESS CARD



NAME ADITYA GUPTA
ROLL NO. 2251731 ENROLMENT NO. 227664
CLASS BACHELOR OF COMMERCE-ONLINE
SEMESTER FIRST SESSION 2022-2023

COURSE NUMBER	COURSE TITLE	GRADES OBTAINED			
		CONT EVAL.	END SEM.	GRADE POINT	CREDITS
ABM101	BUSINESS ECONOMICS I	B-	C	6.750	3.0
ACM101	FINANCIAL ACCOUNTING	B	C-	7.250	3.0
ACM102	BUSINESS LAW	B	C	7.500	3.0
ACM103	SEMINAR AND GROUP DISCUSSION	A-	B-	8.500	2.0
BAM101	BUSINESS ORGANIZATION	A-	B-	8.500	3.0
OMH101	COMMUNICATION TECHNIQUES HINDI I	B	B-	7.750	2.0
OMH102	COMMUNICATION TECHNIQUES ENGLISH I	B	B-	7.750	2.0
ACW101	ACCOUNTING PROCESS I		A-	9.000	2.0
CEC161	CULTURAL EDUCATION		A-	9.000	2.0
ESC161	ENVIRONMENTAL STUDIES		B	8.000	2.0
GKC161	SC.METH. G.K. & CURRENT AFFAIRS I		B	8.000	1.0
RDC161	RURAL DEVELOPMENT		A-	9.000	1.0

TOTAL CREDITS: 26.0 SEMESTER GRADE POINT AVERAGE (SGPA): 7.962

SEMESTER	SEMESTER GRADE POINT AVERAGE							
	I	II	III	IV	V	VI	VII	VIII
SGPA	7.962	-	-	-	-	-	-	-

REMARKS - NIL

Assistant Registrar (Exam Section)
Dayalbagh Educational Institute
Dayalbagh, Agra-282005 (INDIA)

CHECKED BY
DATED 24-APR-2023

ASST. REGISTRAR (EXAM.)

CONTROLLER
OF EXAMINATION

DAYALBAGH EDUCATIONAL INSTITUTE, AGRA-282005
GENERAL GUIDELINES For SETTING END SEMESTER PAPERS

A. SETTING OF THE QUESTION PAPER (for Online Programmes)

The time duration for the question paper is Three Hours. A copy each of the relevant Question Bank and Syllabus is enclosed for your reference. All question papers should be set both in English and Hindi languages.

The general pattern of question paper setting

1. There will be five questions (30 to 35 minutes each) in the question paper, each based on one unit of the syllabus.
2. Three questions will be based on the question bank, wherever available. Remaining two questions will be from outside the question bank but well within the prescribed syllabus.
3. Any three questions will have 100% internal choice, each. The choice will be in the form of an alternative question from the respective unit.
4. The length of the questions drawn from the question bank may be suitably adjusted and in case of numerical questions, numerical data may also be changed.

Please make sure that:

- The question paper covers the entire syllabus and is not beyond the scope of the syllabus.
- The questions are typed or written legibly so as to avoid any possible typing/ proof reading error at this end and the number of marks assigned to each question, including parts, are written in the right hand margin of the question paper.
- The material, if any, to be required by the candidates for attempting the question paper, eg., Graph Paper, Logarithmic tables, Statistical tables, Drawing sheets, etc., is clearly indicated in the question paper.

Guidelines for Moderation of Result

For moderation, the academic units hold a grade moderation meeting at the end of each semester where each instructor presents a proposed grading strategy that maps the marks obtained out of 150 to a Grade on a scale of 11. The grade cut-offs / mapping may vary for each course based on the observed performance of the students in that course and the instructor may choose a mapping based on their judgement. The Pass Grade cannot be lower than 30% and 'A' grade should not be given below 80%. The Moderation Committee is empowered to enforce these lower and upper cut-off. However when the instructor presents the grading strategy, the Moderation committee may give their suggestions / observations to ensure that the grade distribution is neither too liberal nor too harsh but these are only advisory in nature.

Dayalbagh Educational Institute
Department of Applied Business Economics
ABM/ CLM 302: Financial Management
Question Bank

Unit I: Introduction

1. What do you mean by financial management? Discuss its nature and scope.
वित्तीय प्रबन्ध से आप क्या समझते हैं? इसकी प्रकृति तथा क्षेत्र की व्याख्या कीजिये।
2. Define financial management and discuss its main objectives.
वित्तीय प्रबन्ध को परिभाषित कीजिये। तथा इसके मुख्य उद्देश्यों की विवेचना कीजिये।
3. What is the finance function? Explain clearly various finance functions in a business organization.
वित्त कार्य क्या है? एक बड़े व्यावसाय में विभिन्न वित्त कार्यों की विवेचना कीजिये।
4. "Finance is the life blood of business". Elucidate this statement with suitable illustrations.
"वित्त व्यवसाय का जीवन रक्त है।" इस कथन की सोदाहरण व्याख्या कीजिये।
5. Discuss in detail the structure and functions of finance organization in a large business firm.
एक बड़े व्यवसाय में वित्तीय संगठन के ढांचे तथा कार्यों की विस्तृत व्याख्या कीजिये।
6. Clearly explain objectives and importance of financial management.
वित्तीय प्रबन्ध के उद्देश्यों तथा महत्ता की स्पष्ट व्याख्या कीजिये।
7. Write short notes on (a) Investment Decisions (b) Financial Decisions (c) Dividend Decisions.
टिप्पणी लिखिए: (अ) विनियोग निर्णयन (ब) वित्तीय निर्णयन (स) लाभांश निर्णयन
8. Write a detailed note on functions and responsibilities of finance manager.
वित्तीय प्रबन्धक के कार्यों तथा दायित्वों पर एक विस्तृत लेख लिखिए।
9. "Sound financial management is the key to success of business firm". Discuss.
सुदृढ़ वित्तीय प्रबन्ध व्यावसायिक फर्म की सफलता की कुंजी है। विवेचना कीजिये।
10. Explain meaning and components of financial planning? Also discuss process of financial planning.
वित्तीय नियोजनके अर्थ तथा अवयवों को स्पष्ट कीजिये। वित्तीय नियोजन की प्रक्रिया का वर्णन भी कीजिये।

Unit II: Capitalization and Capital Structure

1. Explain the meaning of capitalization. How would you estimate the capital requirement of a newly established business firm?
पूंजीकरण से आप क्या समझते हैं? एक नवप्रवर्तित व्यावसायिक फर्म की पूंजीगत आवश्यकताओं का अनुमान आप कैसे लगाएंगे?

2. What do you understand by overcapitalization? Discuss the causes and effects of overcapitalization.
अतिपूँजीकरण से आप क्या समझते हैं? अतिपूँजीकरण के कारण तथा प्रभावों की विवेचना कीजिये।
3. Explain the meaning and causes of overcapitalization. Discuss the methods of correcting overcapitalization.
अतिपूँजीकरण के अर्थ तथा कारणों का वर्णन कीजिये। अतिपूँजीकरण को ठीक करने के उपायों की विवेचना कीजिये।
4. What is undercapitalization? Explain the causes and effects of undercapitalization. Briefly discuss the ways of correcting undercapitalization in a company.
अल्पपूँजीकरण क्या है? अल्पपूँजीकरण के कारण तथा प्रभावों की व्याख्या कीजिये। किसी कम्पनी में अल्पपूँजीकरण को ठीक करने के उपायों की संक्षिप्त विवेचना कीजिये।
5. "Under-capitalization is as dangerous as over-capitalization." Discuss.
"अल्पपूँजीकरण उतना ही हानिकारक है जितना कि अतिपूँजीकरण।" विवेचना कीजिये।
6. What do you mean by capital structure? Explain determinants of capital structure of a business firm.
पूँजी ढाँचे से आप क्या समझते हैं? एक व्यावसायिक फर्म के पूँजी ढाँचे को प्रभावित करने वाले घटकों की विवेचना कीजिये।
7. Write a detailed note on importance of capital structure decisions in a business firm. What should be the qualities in a good capital structure?
एक व्यावसायिक फर्म में पूँजी ढाँचे संबंधित निर्णयों की महत्ता पर एक विस्तृत लेख लिखिए। एक उत्तम पूँजी ढाँचे में क्या गुण होने चाहिए?
8. Briefly explain crux of net income (NI) and net operating income (NOI) theory of capital structure and give a note on key differences between them.
पूँजी ढाँचे के शुद्ध आय तथा शुद्ध परिचालन आय सिद्धान्तों के आधार की संक्षिप्त व्याख्या कीजिये तथा इनमें अन्तर को स्पष्ट कीजिये।
9. Explain Modigliani & Miller (MM) approach of capital structure. How it is an improvement over net operating income approach of capital structure decision?
पूँजी ढाँचे की मिलर एवं मोदीगिलियानी अवधारणा की व्याख्या कीजिये। यह पूँजी ढाँचे की शुद्ध परिचालन आय अवधारणा पर किस प्रकार एक सुधार है?
10. Write a lucid note on traditional theory of capital structure. How it justifies optimal capital structure?
पूँजी ढाँचे की परम्परागत अवधारणा पर एक तार्किक लेख लिखिए। यह अनुकूलतम पूँजी ढाँचे की स्थिति को कैसे स्पष्ट करती है?
11. Write short notes: (a) Trading on equity (b) Optimal capital structure (c) Process of arbitrage (d) Home-made leverage

टिप्पणी लिखिए: (अ)समता पर व्यापार (ब)अनुकूलतम पूँजी ढाँचा (स) आर्बिट्रेज की प्रक्रिया (iv) गृह-निर्मित लीवरेज

12. Expected earnings of a company are Rs. 2,00,000. It has 10 percent debt of Rs. 8,00,000. The equity capitalization rate (cost of equity) to the company is 12.5 percent. Using NI approach find out (i) Value of firm, and (ii) Overall cost of capital to the firm. If firm decides to redeem part of equity capital by raising further debt of Rs. 2,00,000, examine impact on overall cost of capital and the value of firm.

Answer: $V = \text{Rs. } 17,60,000$; $K_o = 11.36\%$;
 $V (\text{New}) = \text{Rs. } 18,00,000$; $K_o (\text{New}) = 11.11\%$

13. Expected earnings of a company are Rs. 4,00,000. It belongs to 10 percent risk class (it means overall cost of capital to the firm is 10 percent). Using NOI approach find out (i) Value of firm, and (ii) Cost of equity capital, if it employs 8 percent debt to the extent of 20 percent, 35 percent, or 50 percent of total financial requirement of Rs. 20,00,000. Also prove how advantage of low-cost debt to firm gets neutralized as argued by NOI theory.

Answer: $V = \text{Rs. } 4000000$; $K_e = 10.22\%$, 10.42% and 10.66% ; $K_o = 10\%$

14. Expected earnings of a company are Rs. 3,00,000. It presently raised its total financial needs of Rs. 20,00,000 by issue of equity with equity capitalization rate of 16 percent. It is now contemplating to redeem a part of equity by raising debt to the extent of 30 percent or 50 percent of total capital. It is expected that the debt financing up to 30 percent, the rate of interest on debt will be 10 percent and equity capitalization rate will increase to 17 percent. However, if firm opts for 50 percent debt, the rate of interest on debt will be 12 percent and equity capitalization rate will further increase to 20 percent. Calculate (i) firm's overall cost of capital, and (ii) value of firm under different scenarios. Also find optimal capital structure.

Answer: $K_o = 16\%$, 14.91% , and 15.78% ; $V = 1875000$, 2011176 , and 1900000 ;
Optimal Debt-Equity Mix = 30:70

15. Two companies A and B belong to same risk class with expected earnings of Rs. 1,80,000. Total capital of both the companies is Rs. 15,00,000. Company A has arranged its capital from 6 percent debt of Rs. 6,00,000 and equity capital of Rs. 9,00,000 (divided in shares of Rs. 10 each). Company B has arranged its entire capital by issuing equity shares of Rs. 10 each. The market price of shares of company A is Rs. 12 and company B is Rs. 10. Explain how an investor holding 10 percent of shares in company A will be better off in switching his holding to company B. Use MM approach.

Answer: Investment in B = Rs. 168000; Expected Earnings = Rs. 16560;
Net Benefit = Rs. 2160

Unit III: Cost of Capital

1. Explain clearly various sources of long-term finance for business firms.
व्यावसायिक फर्मों के दीर्घकालीन वित्त के स्रोतों के स्पष्ट व्याख्या कीजिये।
2. Write short notes: (a) Methods of equity issue (b) Bridge finance (c) External commercial borrowings (d) Global depository receipt
टिप्पणी लिखिए: (अ) समता अंशों के निर्गम की विधियाँ (ब) अन्तरिम वित्त (स) विदेशी व्यावसायिक ऋण (द) ग्लोबल डिपॉजिटरी रिसीप्ट
3. Elucidate: (a) Meaning and sources of venture capital financing (b) Meaning and process of debt securitization
स्पष्ट कीजिये: (अ) उद्यम पूँजी वित्त का अर्थ व स्रोत (ब) ऋण प्रतिभूतिकरण का अर्थ व प्रक्रिया
4. What do you mean by cost of capital? Explain objectives and significance of calculating cost of capital.
पूँजी की लागत से आप क्या समझते हैं? पूँजी की लागत की गणना करने के उद्देश्य तथा महत्व की व्याख्या कीजिये।
5. Give problems which are faced in determination of cost of capital. How cost of capital is helpful in capital budgeting decisions?
पूँजी की लागतको ज्ञात करने में आने वाली कठनाइयों का वर्णन कीजिये। पूँजी बजटन सम्बन्धी निर्णयन में पूँजी की लागत किस प्रकार सहायक है?
6. What do you mean by own capital? Clearly explain methods of calculating cost of equity.
स्व:पूँजी से आप क्या समझते हैं? समता पूँजी की लागत ज्ञात करने की विधियों की स्पष्ट व्याख्या कीजिये।
7. Explain: (a) Calculation of dividend growth rate, and (b) Capital asset pricing model in cost of equity capital.
समता अंश-पूँजी की लागत के सन्दर्भ में (अ) लाभांश वृद्धि दर की गणना, तथा (ब) कैपिटल एसेट प्राइसिंग मॉडल की व्याख्या कीजिये।
8. Write short notes on: (a) Cost of debt capital (b) Cost of preference shares (c) Cost of rationed earnings (d) Weighted average cost of capital
टिप्पणी लिखिए: (अ) ऋण पूँजी की लागत (ब) पूर्वाधिकार अंशों की लागत (स) प्रतिधारित आय की लागत (द) पूँजी की भारांकित औसत लागत
9. Explain utility of the concept of cost of capital in: (a) Designing capital structure (b) Allocation of financial resources, and (c) Investment decisions
निम्न के सम्बन्ध में पूँजी की लागत की अवधारणा की उपयोगिता बताइये: (अ) पूँजी ढाँचे की संरचना में (ब) वित्तीय साधनों के आबंटन में (स) विनियोग निर्णयन में
10. What do you mean by Leverage? Explain implications of operating and financial leverage in business decisions.

लिवेरेजसे आप क्या समझते हैं? व्यावसायिक निर्णयन में वित्तीय एवं परिचालन लिवेरेज की उपयोगिता बताइये।

11. Write short notes:(a) Calculation of operating leverage (b)Determinants of financial leverage (c) Point of Indifference

टिप्पणी लिखिए: (अ)परिचालन लिवेरेज की गणना (ब) वित्तीय लिवेरेज के निर्धारक (स) उदासीनता बिन्दु

12. A Cashew Limited established 8 years before is planning to raise further equity capital of Rs. 50 crore. The company, since inception has observed steady growth in business, hence following good track record of equity earnings. In the last five years, the earnings per share have been Rs. 1.25, Rs. 1.50, Rs. 1.80, Rs. 2.20 and Rs. 2.50. The company is following policy of 80 percent dividend pay-out. The equity shares of the company are currently traded in the market at Rs. 24.00. The company is in position to sell new equity at market price. The expenses on issue are estimated at 3 percent of issue price. It is expected that new equity issue will not affect earning capacity of the company and equity earnings will increase at the same rate as observed in last five years. You are required to calculate (i) cost of equity, (ii) cost of retained earnings, if shareholders' personal dividend tax rate is 30 percent, and floatation cost will remain same.

Answer: Growth Rate = 18.92%; $K_e = 29.14\%$; $K_e = 19.79\%$

13. Woodcraft Limited has been doing well on National Stock Exchange of India Ltd. for past several years. The stock analysts are trying to study the returns of the company with broad based index of NSE. According to them, the return on stock of the company changes by a factor of 1.25 times as that of index. If expectation of returns on the market is 14 percent and the returns on government securities is 6 percent, what return do you expect from the company?

Answer: $K_e = 16\%$

14. The capital structure of Alfa Ltd. consists of 2000 debentures (first issue) of Rs. 100 each at 6 percent coupon rate, 2000 preference shares of Rs. 100 each @ 8 percent dividend, 1000 debentures (second issue) of Rs. 100 each @ 7 percent, 40000 equity shares of Rs. 10 each and retained earnings Rs. 1,00,000. The shares of the company are sold in the market at book value. The earnings per share in the past many years have been Rs. 1.50. Corporate tax rate is 50 percent. Find WACC.

Answer: $K_d = 3\%$ and 3.5% ; $K_p = 8\%$; $K_e = 12\%$; $K_r = 12\%$; WACC = 8.55%

15. The capital structure of Beta Ltd. consists of debenture, preference share capital, equity capital, and retained earnings. The Book Value (BV), Market Value (MV) and After-tax Cost of Capital (K) of each source is given below

- Debenture: BV – Rs. 4,00,000, MV – Rs. 3,80,000, K – 5%
- Preference Shares: BV – Rs. 1,00,000, MV – Rs. 1,10,000, K – 8%

- Equity Shares: BV – Rs. 4,00,000, MV – Rs. 12,00,000, K – 13%
- Retained Earnings: BV – Rs. 2,00,000, K – 5%

Calculate WACC using (i) Book value weights, and (ii) Market value weights.

Answer: WACC (BV) = 9.535%; WACC (MV) = 10.167%

16. The capital structure of Applied Systems Ltd. as on 31 March 2020 included 1 crore equity shares of Rs. 10 each, reserves, and surplus of Rs. 2 crore, and 3 lakh 11 percent debentures of Rs. 100 each. The company for financial year 2019-20 declared dividend @ 20 percent. As company is a market leader with good, assured future, the dividend is likely to grow @ 5 percent every year. The current market price of stocks of the company is Rs. 80. Assuming corporate tax @ 40 percent (i) Calculate WACC of the company, and (ii) Examine the effect on WACC, if company plans to raise further Rs. 5 crore by way of long term loan at 12 percent interest rate. The new borrowing is expected to influence market price of shares. The anticipated market price of shares is Rs. 65. The rate of dividend and growth however is expected to remain unchanged.

Answer: $K_d = 6.6\%$; $K_l = 7.2\%$; K_e and $K_r = 7.63\%$ (Old) and 8.23% (New);
WACC = 7.42% (Old) and 7.73% (New)

17. Unique Textiles Ltd always maintains debt-equity ratio of 4:6. It is contemplating several investment alternatives requiring investment up to 20 lakh. The cost of raising debt and equity depends on size of project and thus the funds requirements. The details are:

If project cost is limited to Rs. 2 lakh : Expected $K_d = 10\%$; and $K_e = 12\%$

If project cost is $> \text{Rs. 2 lakh}$, but $\leq \text{Rs. 5 lakh}$: Expected $K_d = 11\%$; and $K_e = 13\%$

If project cost is $> \text{Rs. 5 lakh}$, but $\leq \text{Rs. 10 lakh}$: Expected $K_d = 12\%$; and $K_e = 14\%$

If project cost is $> \text{Rs. 10 lakh}$, but $\leq \text{Rs. 20 lakh}$: Expected $K_d = 13\%$, and $K_e = 15\%$

You are required to (i) Calculate composite cost of capital of two alternative projects requiring investment of Rs. 7.5 lakh and Rs. 16 lakh. (ii) If after tax expected rate of return from the project is 10 percent, under what condition it would be acceptable? Corporate tax rate is 50%.

Answer: WACC = 10.8% and 11.6% ; Acceptable if investment $\leq \text{Rs. 5 lakh}$

18. The capital structure of Foxy Ltd. consists of 12% debentures, 9% preference shares and some equity shares of Rs. 100 each in the ratio of 3:2:5. The expected equity dividend is Rs. 9 per share and expected growth rate in dividend is 5%. The shares of the company are currently traded in the market at face value. The company, for meeting funds requirements for expansion plan, is planning to take 14% loan from development financial institution. As a result of this, the proportion of existing sources of capital would get reduced by $1/10$, $1/15$, and $1/6$ respectively. You are required examine impact of new financing on WACC of the

company given that the new loan will not affect equity share price, equity dividend and dividend growth rate. Corporate tax rate is 40 percent.

Answer: $K_d = 7.2\%$; $K_p = 9\%$; $K_e = 14\%$; $K_l = 8.4\%$;
WACC = 10.96% (Old) and 10.11% (New)

19. Answer the followings.

- Part A: A firm has sales of Rs. 10 lakh. Its total variable cost and fixed cost is Rs. 7 lakh and Rs. 2 lakh. The firm has borrowings of Rs. 5 lakh at 10 percent interest rate. Find degree of operating, financial and combined leverage of the firm. Also calculate % increase in sales required to double EBIT of the firm.
- Part B: The operating and combined leverage of a firm is 1.25 and 2.5 respectively. Its sales is Rs. 10 lakh, fixed cost is Rs. 50 thousand, and interest and dividend payable at year end is Rs. 1 lakh and Rs. 2 lakh respectively. Find (i) degree of financial leverage, and (ii) P/V ratio of the firm.
- Part C: The net worth of a firm is Rs. 25 lakh and operating profit is Rs. 20 lakh. It has debt-equity mix is 3 : 1. The debt carries 12 percent interest burden. Does firm have high financial leverage?

Answer: (A) DOL = 3, DFL = 2 and DCL = 6, Increase in Sales Required = 33.33%;
(B) DFL = 2, PV Ratio = 25%; (C) DFL = 1.82 (Not High)

20. Applied Systems Ltd. has sales - Rs. 75 lakh, variable cost - Rs. 42 lakh and fixed cost - Rs. 6 lakh. It has debt of Rs. 45 lakh at 9 percent interest and equity of Rs. 55 lakh. Explain (a) What is the degree of operating, financial and combined leverage of the firm? (b) What is firm's rate of return on investment? (c) Does firm have favorable financial leverage? (d) Does firm have high asset leverage? Given that Industry's Asset-turnover ratio is 3, (e) If sales is expected to fall to Rs. 50 lakh, what will be new EBIT of the firm. (f) At what sales level, the EBT of the firm will be zero?

Answer: (a) DOL = 1.222, DFL = 1.176, DCL = 1.438; (b) RoI = 27%; (c) Yes, Fav. FL;
(d) ATR = 0.75 (Very Low); (e) New EBIT = 16 Lakh; (f) Sales = Rs. 2284500

21. Following data relate to two companies A Ltd. and B Ltd.

- A Ltd.: Equity Capital (Share of Rs. 10) - 5,00,000, EBIT - 1,00,000, Return on Capital Employed - 20%
- A Ltd.: Equity Capital (Share of Rs. 10) - 2,50,000, 7% Debenture - 2,50,000, EBIT - 1,00,000, RoCE - 20%

The equity shareholders of the A Ltd. are in dilemma the despite same return earned by both the companies A Ltd. and B Ltd. on their capital employed, earnings per share of A Ltd. seems to be less than B Ltd. You are required to (i) Verify the fact for the satisfaction of the shareholders of the A Ltd., and (ii) Give reasons in support of your findings. Corporate tax rate is 50%.

Answer: (i) $EPS(A) = 1$, $EPS(B) = 1.55$; (ii) Cheap Debt and Tax Advantage

22. Watson Ltd. produces single articles and sales it at unit price of Rs. 20. The variable cost is 50 percent of sales price. At the present output level of 1 lakh units, the operating leverage of the firm is 2.5. The firm, in its capital structure has 1 lakh equity shares and 10 percent debt taken from IFCI. Assuming 50 percent corporate tax rate, find (i) Earnings per share (at current level), and (ii) Amount of debt, if 25 percent decline in sales is expected to wipe-out earnings per share.

Answer: $EPS = Rs. 1.25$; Debt = 15 Lakh

23. The capital structure of Zebra Ltd. consists of 12% debentures (Rs. 100 each) of Rs. 10 lakh, equity shares (Rs. 10 each) of Rs. 12 lakh, and reserves of Rs. 8 lakh. Its current EBIT is Rs. 4,50,000 and price – earnings ratio is 18. The company falls in the tax bracket of 40 percent. The company is planning to introduce expansion program requiring investment of Rs. 10 lakh. The new investment is expected to generate additional sales of Rs. 15 lakh with anticipated operating profits of 12%. The expansion program can be financed either by 13% term loan or by new equity shares which can be issued at Rs. 20 per share. If company will opt debt financing the PE ratio is expected to increase to 20, and in case of equity financing, it is expected to remain same. You are required to suggest whether company should go for expansion program? If yes, which financing plan you consider better?

Answer: $EPS (Present) = Rs. 29.70$, $EPS (New) = Rs. 38.00$ (Debt Financing),
 $EPS (New) = Rs. 32.40$ (Equity Financing);

Company should introduce expansion program and opt for debt financing.

24. Darwin Box Ltd. has appointed you as finance manager. It wants to implement a project requiring investment of Rs. 30 lakh to be raised from the market. The alternative financing plans (with optional financing) in hand are as follows.
- Plan A: Either equity capital of Rs. 30 lakh or equity capital of Rs. 15 lakh and 10% debentures of Rs. 15 lakh.
 - Plan B: Either equity capital of Rs. 30 lakh or equity capital of Rs. 20 lakh, and 12% preference shares of Rs. 10 lakh
 - Plan C: Either equity capital of Rs. 30 lakh or equity capital of Rs. 10 lakh, 10% debentures of Rs. 10 lakh, and 12% preference shares of Rs. 10 lakh

Assuming corporate tax @ 55% and face value of all the shares and debentures to be Rs. 100 each, calculate the indifference point and EPS for each financing plan. Also explain the plan you would accept and why?

Answer: EBIT – Plan A = Rs. 300000, Plan B = Rs. 800000, Plan C = Rs. 550000

Unit IV: Working Capital: Principles and Management

1. Define 'Working Capital'. Discuss the factors effecting working capital needs.
कार्यशील पूँजी की परिभाषा दीजिये। कार्यशील पूँजी की आवश्यकताओं को प्रभावित करने वाले घटकों की विवेचना कीजिये।
2. What do you mean by Working Capital? Discuss various sources of working capital in a business firm.
कार्यशील पूँजी से आप क्या समझते हैं? एक व्यावसायिक फर्म में कार्यशील पूँजी के विभिन्न स्रोतों की विवेचना कीजिये।
3. "Inadequate Working Capital is disastrous whereas redundant working capital is a criminal waste." Discuss this statement.
"अपर्याप्त कार्यशील पूँजी संकटपूर्ण स्थिति की प्रतीक होती है, जबकि आवश्यकता से अधिक कार्यशील पूँजी दंडनीय अपव्यय का प्रतीक मानी जाती है।" कथन की विवेचना कीजिये।
4. Mention the need for and importance of Working Capital and discuss methods of working capital estimation.
कार्यशील पूँजी की आवश्यकता एवं महत्व का वर्णन कीजिये तथा कार्यशील पूँजी के अनुमान लगाने की विधियों का वर्णन कीजिये।
5. Write short notes on: (a) Working capital cycle (b) Factoring services (c) Commercial papers (d) Seed capital
टिप्पणी लिखिए: (अ) कार्यशील पूँजी चक्र (ब) फैक्ट्रिंग सर्विसेस (स) कॉमर्शियल प्रपत्र (द) सीड कैपिटल
6. What is the importance of inventory management for a business? Write a note on operating control of inventories.
सामग्री प्रबन्ध का व्यवसाय में क्या महत्व है? सामग्री के संचालन नियंत्रण पर एक लेख लिखिए।
7. What do you mean by inventory levels setting? How do firms manage inventory by setting various levels?
सामग्री स्तर निर्धारण से आप क्या समझते हैं? फर्म विभिन्न स्तरों का निर्धारण करके सामग्री प्रबन्धन कैसे करती हैं?
8. What is reorder point? How is it determined? Explain with suitable example.
पुनर्आदेश बिन्दु क्या है? यह किस प्रकार निर्धारित किया जाता है? सोदाहरण व्याख्या कीजिये।
9. Define the term economic order quantity. How is it computed? Explain with suitable example.
मितव्ययी आदेश मात्रा को परिभाषित कीजिये। इसकी गणना किस प्रकार की जाती है? सोदाहरण व्याख्या कीजिये।

10. What are the objectives of Receivables management? How can a firm succeed in maintaining investment in receivables at the optimum level?
प्राप्यों के प्रबन्ध के क्या उद्देश्य होते हैं? एक फर्म प्राप्यों में निवेश को अनुकूलतम स्तर पर कैसे बनाए रख सकती है?
11. Write a detailed note on management of cash.
रोकड़ प्रबन्ध पर एक विस्तृत लेख लिखिए।
12. Comment on: (a) William J. Baumol Model, and (b) Miller-Orr Cash Management Model
रोकड़ प्रबन्ध के (अ) विलियम जे० बौमोल, तथा (ब) मिलर-ओर० के सिद्धान्त पर प्रकाश डालिए।
13. Write short note on: (a) ABC Analysis, (b) FSN Analysis, (c) VED Analysis, and (d) Cash Cycle
टिप्पणी लिखिए: (अ) ए०बी०सी० विश्लेषण, (ब) एफ० एस० एन० विश्लेषण, (स) वी० ई० डी० विश्लेषण, (द) रोकड़ चक्र
14. From the following information calculate operating cycle and estimate working capital needs.
- Raw Material: Op. Stock = Rs. 80,000, Cl. Stock = Rs. 1,20,000
 - Work-in-Process: Op. Stock = Rs. 20,000, Cl. Stock = Rs. 60,000
 - Finished Goods: Op. Stock = Rs. 60,000, Cl. Stock = Rs. 20,000
 - Debtors: Op. Stock = Rs. 40,000, Cl. Stock = Rs. 40,000
 - Expenses incurred during the year – Wage & Manufacturing Expenses: Rs. 2,00,000, Selling & Distribution Expenses: Rs. 40,000,
 - Purchase of Raw Material: Rs. 4,00,000
 - Total Sales: Rs.10,00,000
 - All goods are sold on credit basis
 - Suppliers of material allow two months credit
- Answer: Answer: Op. Cycle = 110.14 Days, No. of Op. Cycles = 3.31,
NWC = Rs. 181,268
15. Silverline, a newly setup enterprise, has furnished following cost data.
- Cost per unit (% to sale price): Raw material–40%, labor–30%, Overheads–10%
 - Raw materials are expected to stay in stores for an average period of 1 month.
 - Each unit of production will be in process for $\frac{1}{2}$ month. Production in process includes raw material – Full cost; Labor & overheads – Half of the cost.
 - Finished goods are likely to stay in godown for an average period of 2 months.
 - Half of the sale will be on credit basis; customers are allowed 2 months credit.
 - Credit period allowed by suppliers is 1 month.

- Lag in payment of wage is 1 month. Half of the overheads consist of salary to un-productive staff.
- Firm maintains 20% of computed working capital as reserve for contingencies.
- Output level is 6,000 units, and Sales price is Rs. 200 per unit.
- Production and sales follow constant pattern.

Determine working capital requirements.

Answer: CA = 3,10,000, CL = 70,000,
Cash for Contingencies = Rs. 48,000, NWC = 2,88,000

16. The inventory statistics of a particular material in Ganga Plastics reveal (i) Maximum delivery period – 7 Weeks, (ii) Average delivery period – 6 Weeks, (iii) Minimum consumption – 800 Units, (iv) Average consumption – 850 Units, and (v) Reorder quantity – 2000 Units. Calculate (i) Reorder Level, (ii) Maximum Inventory Level, (iii) Minimum Inventory Level, and (iv) Average Inventory Level.

Answer: Reorder Level = 6,300 Units, Maximum Inventory Level = 4,300 Units,
Minimum Inventory Level 1,200 Units, Average Inventory Level = 2,750 Units

17. Himalaya Refrigeration Company purchases 1,600 units of a component consumed annually, from Bolts & Pins Associates. The annual cost of holding each unit of component is Rs. 8 and cost of placing order each time is Rs. 100. Calculate (i) Economic Order Quantity, (ii) Reorder Level, and (iii) Maximum and Minimum Inventory Level, if company operates 320 days in a year, material procurement time is 10 days, and safety stock is 20 units.

Answer: EOQ = 200 Units, ROL = 70 Units,
Max. Level = 220 Units, Min. Level = 20 Units

18. Galgotia & Company had sales of 80,000 units in previous financial year. The selling price of product is Rs. 100, variable cost per unit is Rs. 60, and fixed cost is Rs. 16 lakh. The company is contemplating to relax their credit standard which is expected to increase 10% sales. The proposed relaxation is likely to increase the average collection period from 30 days to 45 days. It is also expected that proposed plan will result in to increase in bad debts by 2% of increased sales. The collection expenses are also expected to go up by Rs. 50,000. Assuming 360 days in a year, corporate tax rate applicable to company 50% and company's after-tax expected rate of return 15%, examine the proposal and suggest whether company should relax credit standards.

Answer: Addl. PAT = Rs. 1,27,000, Addl. Investment in Receivables = 3,26,667,
Addl. Cost of Investment in Receivables = 49,000,
Addl. PAT > Addl. Cost, so, Feasible.

19. Thapar Brothers started production of a classic toy on 1 January 2020. The components of cost per unit include: Raw Material – Rs. 8, Wage – Rs. 12, and

Variable Expenses – Rs. 4. The fixed expenses per month are Rs. 15,000. Firm sells one-third of produce for cash and rest of sale is on credit basis. The selling price of toy is Rs. 40 per unit. As per terms settled with suppliers and customers (i) payment for materials is to be made in the month following the month of purchase, and (ii) credit allowed to customers is one month on average. Payment of expenses is made in the month in which they incur. The output and sales from January to June 2020 is 900 units, 1,200 units, 1,800 units, 2,100 units, 2,250 units, and 2,550 units. Due to very low profit estimates in quarter ending on 31 March 2020, firm's tax liability will be zero; but, in the next quarter ending on 30 June 2020, it will have to pay corporate tax of Rs. 32,000 in the last week of June. Firm does not maintain huge cash balance (preferably below Rs. 10,000). Accordingly, it invests excess cash balance (in multiple of Rs. 5,000) in short term deposit schemes and get them matured, when required. You are required to prepare a statement of cash forecast for a period from March to June 2020 assuming (i) production and sale coincide, and (ii) opening cash balance as on 1 March 2020 is Rs. 3,800.

Answer: Closing Cash Balance - March = Rs. 6,400, April = Rs. 9,400,
May = Rs. 7,600, June = Rs. 5,800; Investment: April = Rs. 10,000, May = Rs. 20,000;
Disinvestment: June = Rs. 10,000

Unit V: Capital Budgeting: Process and Practices

1. What is capital budgeting? What are various types of capital budgeting decisions? Discuss need for and importance of capital budgeting in business decisions.
पूँजी बजटन क्या है? पूँजी बजटसम्बन्धी निर्णय कितने प्रकार के होते हैं? व्यावसायिक निर्णयन में पूँजी बजटनकी आवश्यकता तथा महत्व का वर्णन कीजिये।
2. What is the relevance of time value of money in financial decision making? Explain.
वित्तीय निर्णयन में मुद्रा के समय मूल्य की क्या सार्थकता है? विवेचना कीजिये।
3. Explain the discounting and compounding techniques of time value of money.
मुद्रा के समय मूल्य की डिस्काउंटिंग तथा कम्पाउण्डिंग तकनीकों का वर्णन कीजिये।
4. Write detailed note on: (a) Doubling period (b) Nominal and Effective Rate of Interest (c) Present Value of Annuity (d) Future Value of Annuity
टिप्पणी लिखिए: (अ) दोहरीकरण अवधि (ब) सामान्य तथा प्रभावी ब्याज दर (स) वार्षिकी का वर्तमान मूल्य (द) वार्षिकी का भावी मूल्य
5. What are important principles of capital budgeting? Explain briefly nature and scope of capital budgeting.
पूँजी बजटनके प्रमुख सिद्धान्त कौन से हैं? पूँजी बजटनकी प्रकृति तथा क्षेत्र का संक्षिप्त वर्णन कीजिये।
6. What is Capital Budgeting? Explain various techniques of Capital Budgeting.
पूँजी बजटन क्या है? पूँजी बजटन की विभिन्न तकनीकों की विवेचना कीजिये।

7. What are discounting techniques of capital budgeting? In what manner discounted cash flow technique are useful in capital budgeting decisions
पूँजी बजट निर्णयन की डिस्काउंटिंग आधारित विधियाँ कौन सी हैं? पूँजी बजटन में डिस्काउंटिड रोकड़ प्रवाह तकनीक किस प्रकार उपयोगी है?
8. What do you understand by Internal Rate of Return? How is it different from present value method? Explain.
आन्तरिक प्रत्याय दर से आप क्या समझते हैं? यह वर्तमान मूल्य विधि से किस प्रकार भिन्न है? व्याख्या कीजिये।
9. What do you understand by internal rate of return (IRR)? How is it different from required rate of return (RRR)? Explain by giving suitable examples.
आन्तरिक प्रत्याय दर से आप क्या समझते हैं? यह वांछित प्रत्याय दर से कैसे भिन्न है? सोदाहरण व्याख्या कीजिये।
10. Answer the following.
(i) An investor deposited Rs. 1,000 in a scheme for 2 years. The scheme offers 10% interest with quarterly compounding. Find the maturity value of the scheme.
(ii) The fixed deposit scheme of a bank offers 11% interest rate for 3 years. Find the maturity value of FD of Rs. 10,000 after 3 years.
(iii) Find the period in which a certain amount of investment will be doubled, if annual rate of interest is 12%.
(iv) Find out the effective rate of interest, if the nominal rate of interest is 12% and interest is quarterly compounded.
(v) A person is required to pay 4 equal annual installments of Rs. 5,000 in a deposit account that pays 8% interest per annum. Find out the maturity value of deposit.
Answer: (i) Rs. 1,218, (ii) Rs. 13,680, (iii) 6.1 Year, (iv) 12.6%, (v) Rs. 22,535
11. Cool & Peace Associates is considering alternative models A and B for purchase of an equipment. The detail is as follows.
Cost of machine: (A) = Rs. 6,00,000, (B) = Rs. 10,00,000
Estimated life (in years): (A) = 10, (B) = 10
Estimated annual savings in scrap: (A) = Rs. 40,000, (B) = Rs. 60,000
Additional annual cost of supervision: (A) = Rs. 48,000, (B) = Rs. 64,000
Additional annual cost of maintenance: (A) = Rs. 28,000, (B) = Rs. 44,000
Additional annual cost of indirect materials: (A) = Rs. 24,000, (B) = Rs. 32,000
Estimated No. of workers not required: (A) = 150, (B) = 200
Annual Wages per Worker: Rs. 2,400
Using the PBP method, suggest as which model should be purchased. Ignore tax.

Answer: PBP (A) = 2 Years, (B) = 2.5 Years; Model A Better

12. A firm is planning to purchase a new machine costing Rs. 5,00,000. The expected life of machine is ten years. The machine is expected to generate sales revenue of Rs. 6,00,000 p.a. The variable cost is 50% of sales and annual fixed cost (other than depreciation) is Rs. 25,000. Assuming 50% corporate tax rate, calculate PBP and Post PBP Profit, and advise the management whether the machine should be purchased.

Answer: PBP = 3.08 Years, PPBP Profit = Rs. 11,24,500, Should be purchased

13. A company wishes to replace its existing machine having book value of Rs. 24,000. The existing machine has remaining life of four years and no salvage value. The cost of new machine is Rs. 1,12,000, life is four years, and estimated residual value is Rs. 16,000. The vendor of new machine is ready to take old machine back for Rs. 12,000. The new machine will perform same operations the old machine is performing; however, improved technology of new machine will enable the firm to reap cash benefits (before depreciation and tax) of Rs. 56,000 p.a. in material, labor, and other expenses. Corporate tax rate applicable to the company is 40%. Examine feasibility of proposal by calculating PBP and Post PBP Profit.

Answer: Additional Investment = Rs. 95,200,
Additional Annual Cash Flows = Rs. 40,800, PBP = 2.333 Years,
PPBP Profit = Rs. 84,013, Should be purchased

14. A company is planning to purchase an innovative machine costing Rs. 6,00,000. Its operation will result in to increase in net working capital by Rs. 60,000. The expected annual profits from machine are Rs. 60,000, Rs. 65,000, Rs. 70,000, Rs. 75,000, and Rs. 80,000. The expected salvage value is Rs. 40,000 and cost of capital is 12%. Using ARR method, suggest the company whether machine should be purchased.

Answer: ARR = 18.42%, Should be purchased

15. A company is considering an investment proposal having cost outlay of Rs. 50,000. The profit before depreciation expected from the investment over its lifetime is Rs. 10,000, Rs. 11,000, Rs. 14,000, Rs. 15,000, and Rs. 25,000. Assuming 35% tax rate, no salvage value, and 8% Cost of capital, evaluate the proposal by calculating (i) PBP, (ii) ARR, (iii) Discounted PBP, (iv) NPV, and (iv) Profitability Index.

Answer: PBP = 4 Years 2.13 Months, ARR = 13%, NPV = Rs. 1,580,
Discounted PBP = 4 Years 10.59 Months,
Not encouraging; can be considered, if urgent.

16. Singh Brothers is considering the purchase of a new machine. Two alternative machines A and B, each costing Rs. 4 lakh have been suggested. The vendor of machine B has mentioned clearly in quotation that machine will need overhauling at the end of year 2, and tentative expense will be Rs. 30,000. The earnings after

tax but before depreciation expected from A are Rs. 40,000, Rs. 1,20,000, Rs. 1,60,000, Rs. 2,40,000, and Rs. 1,60,000. The PAT expected from B are Rs. 40,000, Rs. 80,000, Rs. 1,20,000, Rs. 40,000, and zero. Firm's target rate of return on investment is 10%. You are required to compare the alternatives by calculating (i) PBP (ii) Discounted PBP (iii) Unadjusted RoR, and (iv) NPV.

Answer: PBP (A) = 3 Years 4 Months, (B) = 2 Years 9 Months, B Better
Discounted PBP (A) = 3 Years 10.57 Months, (B) = 3 Years 4.88 Months, B Better
Unadjusted RoR (ARR) (A) = 72%, (B) = 63.27%, A Better
NPV (A) = Rs. 1,18,920, (B) = Rs. 98,300, A Better

17. From the following information, calculate NPV of competitive projects and suggest which of the two projects should be accepted. Cost of capital is 10%.

Project A: Investment – Rs. 20,000, Estimated Scrap Value – Rs. 1,000, and Estimated Cash Flows – Rs. 5,000, Rs. 10,000, Rs. 10,000, Rs. 3,000 and Rs. 2,000

Project B: Investment – Rs. 30,000, Estimated Scrap Value – Rs. 2,000, and Estimated Cash Flows – Rs. 20,000, Rs. 10,000, Rs. 5,000, Rs. 3,000 and Rs. 2,000

Answer: NPV (A) = Rs. 4,227, NPV (B) = Rs. 4,728, B Better
Profitability Index (A) = 21.14%, (B) = 15.76%, A Better

18. A company is contemplating two assets A and B costing Rs. 60,000 and Rs. 80,000. The life of asset A is 3 years, and earnings after tax expected from it is Rs. 10,000 p.a. Asset B is expected to last for 4 years and give after tax cash benefit of Rs. 32,500 p.a. Evaluate the alternatives by calculating (i) PBP, (ii) Unadjusted RoR, (iii) NPV, (iv) IRR. Expected rate of return of the industry is 15%.

Answer: PBP (A) = 2 Years, (B) = 2.46 Years, A Better
Unadjusted RoR, (A) = 33.33%, (B) = 31.25%, A Better
NPV (A) Rs. 8,490, (B) = Rs. 12,788, B Better, PI (A) = 1.14, (B) = 1.16, B Better
IRR (A) = 23.38%, (B) = 22.67%, A Better

19. A company has to select one of the two projects. The cost of project A is Rs. 22,000 and its expected cash flows are Rs. 12,000, Rs. 4,000, Rs. 2,000, and Rs. 10,000. Project B has cost outlay of Rs. 20,000 and is expected to give cash flows of Rs. 2,000, Rs. 2,000, Rs. 4,000, and Rs. 40,000 during its lifetime. Using time adjusted rate of return (TARR) method suggest which project should be selected.

Answer: IRR (A) = 11.27%, (B) = 10.23%, B Better

DAYALBAGH EDUCATIONAL INSTITUTE
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Centre for Online and Distance Education
Dayalbagh, Agra -282005

List of Examination Centres for Conduct of Examination for UGC-entitled Online Programme (Session 2022-23)

1. Adanbagh, Agra
2. Agra City, Agra
3. Chandigarh
4. Ellora, Agra
5. Gurgaon, Haryana
6. Jamshedpur, Jharkhand
7. Lucknow, U.P.
8. Rajaborari, M.P
9. Soami Nagar, New Delhi
10. Ludhiana, Punjab



DAYALBAGH EDUCATIONAL INSTITUTE
(Deemed to be University)
Dayalbagh, Agra-282005

Date: 17th September, 2022

List of Observers for Examination Centres (Session 2022-23)

The following are deputed as a Observers for conduct of Examinations at the following Examination Centers of the Institute:

S.NO.	CENTRE NAME	NAME OF OBSERVER	Qualification
1	Adanbagh, Agra	Dr. Jyoti Gogia	Ph.D
2	Agra City, Agra	Dr. Akshay Satsangi	Ph.D
3	Chandigarh	Pravesh Madan	ACS, FCMA, M.Com, CFA (India) with 15 years experience
4	Ellora, Agra	Dr. Surat Pyari	Ph.D
5	Gurgaon, Harayana	Vikrant Satsangi	MBA
6	Jamshedpur, Jharkhand	Abhay Kumar	BE, M.Tech in Electric Vehicle Technology (Pursuing) with 12 years experience
7	Lucknow, U.P.	Samit Chandra	MBA (IT) & International Marketing with 25 years experience
8	Rajaborari, M.P.	D. Sumir Rao	MBA, UGC-NET, B.Com, PhD (Pursuing). Presently Dean of DEI's Rajaborari and Timarni Educational Institutes. Total 21 years experience
9	Soami Nagar, New Delhi	Reena Ahuja	M.Sc, MBM with 31 years experience
10	Ludhiana	Mr. Nirbhai Singh	M.Sc., M.Phil. (Mathematics). Teaching experience of 41 years

VBC.


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Dayalbagh, Agra-282005

DAYALBAGH EDUCATIONAL INSTITUTE
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OBSERVER'S REPORT FOR CONDUCT OF EXAMINATION
(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre: ELLORA
2. Name of the Observer: DR. SURAT PYARI
3. Examination Date & Shifts: 6 DEC, 2022 HU 17 DEC, 2022 (1 Sem.)
4. Was the examination conducted on scheduled time & date? (YES/NO)
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO) ✓
6. Was any case of UFM found during the examination session? (YES/NO) ✓
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. [NA]
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO) ✓
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO)
If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER

R. Simha
(INCHARGE AT THE CENTRE)
Signature
Date: 17 Dec 2022


(DR. SURAT PYARI)
(OBSERVER)
Signature

DAYALBAGH EDUCATIONAL INSTITUTE
(ODL PROGRAMME)
OBSERVER'S REPORT FOR CONDUCT OF EXAMINATION
(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre: ELLORA
2. Name of the Observer: Dr. SURAT PYARI
3. Examination Date & Shifts: 6th May, 2023 to 13th May, 2023
(2nd Sem.) ✓
4. Was the examination conducted on scheduled time & date? (YES/NO)
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO) ✓
6. Was any case of UFM found during the examination session? (YES/NO) ✓
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. [NA]
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO) ✓
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO)
If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER

R. Simha
(INCHARGE AT THE CENTRE)
Signature
Date: 13th May 2023


(Dr. SURAT PYARI)
(OBSERVER)
Signature

DAYALBAGH EDUCATIONAL INSTITUTE
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OBSERVER'S REPORT FOR CONDUCT OF EXAMINATION
(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre: Chandigarh
2. Name of the Observer: Pravesh Madan
3. Examination Date & Shifts: 6/12/2022 to 17/12/2022
(1st Semester)
4. Was the examination conducted on scheduled time & date? (YES/NO) ☒ YES
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO) ☒ YES
6. Was any case of UFM found during the examination session? (YES/NO) ☒ NO
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. Not applicable
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO) ☒ YES
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO) ☒ YES
If No please mention, so that it can be rectified immediately.

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Date:


(PRAVESH MADAN)
(OBSERVER)
Signature

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(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre: Chandigarh
2. Name of the Observer: Pravesh Madan
3. Examination Date & Shifts: 6/5/2023 to 13/5/2023
(2nd Semester)
4. Was the examination conducted on scheduled time & date? (YES/NO) YES
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO) ✓
6. Was any case of UFM found during the examination session? (YES/NO) ✓
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. N/A
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO) ✓
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO) ✓
If No please mention, so that it can be rectified immediately.

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Date:


(PRAVESH MADAN)
(OBSERVER)
Signature

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(AT THE ODL EXAMINATION CENTRE)**

1. Examination Centre: Gurgaon
2. Name of the Observer: Vikrant Satsangi
3. Examination Date & Shifts: 6-12-22 to 17/12/22 (First Semester)
4. Was the examination conducted on scheduled time & date? (YES/NO)
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO) ✓
6. Was any case of UFM found during the examination session? (YES/NO)
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. N/A
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO) ✓
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO)
If No please mention, so that it can be rectified immediately.

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(INCHARGE AT THE CENTRE)
Signature

Date:

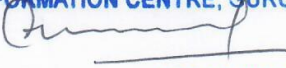
(Vikrant Satsangi)
(OBSERVER)
Signature

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(AT THE ODL EXAMINATION CENTRE)**

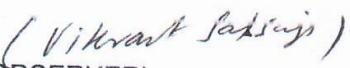
1. Examination Centre: Gurgaon
2. Name of the Observer: Vikrant Saksari
3. Examination Date & Shifts: 6-5-23 to 13/5/23 (Second Shift)
4. Was the examination conducted on scheduled time & date? (YES/NO)
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO)
6. Was any case of UFM found during the examination session? (YES/NO)
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. ~(A)
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO)
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO)
If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER

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(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre: Jamshed Pur
2. Name of the Observer: Abhay Kumar
3. Examination Date & Shifts: 16th Dec 29 to 17th Dec 20
C-1st Shift
4. Was the examination conducted on scheduled time & date? (YES/NO)
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO) ☒ YES
6. Was any case of UFM found during the examination session? (YES/NO) ☒ NO
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. No
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO) ☒ YES
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash-Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO) ☒ YES
If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER

Abhay Kumar

(INCHARGE AT THE CENTRE)
Signature

Date:

Abhay
(ABHAY KUMAR)
(OBSERVER)
Signature

DAYALBAGH EDUCATIONAL INSTITUTE
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OBSERVER'S REPORT FOR CONDUCT OF EXAMINATION
(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre: Jauchedpur
2. Name of the Observer: Abhay Kumar
3. Examination Date & Shifts: 6th May 2023 to 17th May 2023
4. Was the examination conducted on scheduled time & date? (YES/NO)
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO)
6. Was any case of UFM found during the examination session? (YES/NO)
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report.
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO)
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO)
If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER

Abhay Kumar

(INCHARGE AT THE CENTRE)
Signature

Date:

Abhay Kumar
(ABHAY KUMAR)

(OBSERVER)
Signature

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(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre: Lucknow
2. Name of the Observer: Sumit Chandra
3. Examination Date & Shifts: 6/12/22 to 17/12/22 (First Shift)
4. Was the examination conducted on scheduled time & date? (YES/NO) ☒
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO) ☒
6. Was any case of UFM found during the examination session? (YES/NO) ☒
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. NA
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO) ☒
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO) ☒
If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER


(INCHARGE AT THE CENTRE)
Signature
Date:


(Sumit Chandra)
(OBSERVER)
Signature

DAYALBAGH EDUCATIONAL INSTITUTE
(ODL PROGRAMME)
OBSERVER'S REPORT FOR CONDUCT OF EXAMINATION
(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre: Lucknow
2. Name of the Observer: Santosh Chandra
3. Examination Date & Shifts: 6th May 2023 to 13th May 2023
2nd Shift
4. Was the examination conducted on scheduled time & date? (YES/NO)
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO) ☒
6. Was any case of UFM found during the examination session? (YES/NO) ☒
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. NA
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO) ☒
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO)
If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER

(INCHARGE AT THE CENTRE)

Signature

Date:

(OBSERVER)

Signature

DAYALBAGH EDUCATIONAL INSTITUTE
(ODL PROGRAMME)
OBSERVER'S REPORT FOR CONDUCT OF EXAMINATION
(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre: LUDHIANA, PUNJAB
2. Name of the Observer: NIRBHAI SINGH
3. Examination Date & Shifts: 6-12-22 till 17-12-23 (first semester)
4. Was the examination conducted on scheduled time & date? (YES/NO)
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO)
6. Was any case of UFM found during the examination session? (YES/NO)
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. *Not applicable*
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO)
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO)
If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER

V. Lax
(INCHARGE AT THE CENTRE)
Signature

Date:

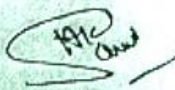
Nirbhai Singh
(NIRBHAI SINGH)
(OBSERVER)
Signature

19/12/2022

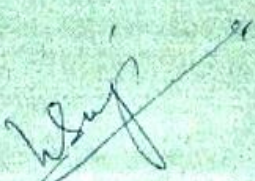
DAYALBAGH EDUCATIONAL INSTITUTE
(ODL PROGRAMME)
OBSERVER'S REPORT FOR CONDUCT OF EXAMINATION
(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre: LUDHIANA, PUNJAB
2. Name of the Observer: NIRBHAI SINGH
3. Examination Date & Shifts: 6-5-23 UPL 13-5-23 (Second Shift)
4. Was the examination conducted on scheduled time & date? (YES/NO)
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO) ✓
6. Was any case of UFM found during the examination session? (YES/NO) ✓
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. Not a problem
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO)
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO)
If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER


Atam Kumar Jari
(INCHARGE AT THE CENTRE)
Signature

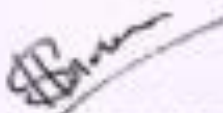
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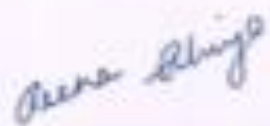

(NIRBHAI SINGH)
(OBSERVER)
Signature

DAYALBAGH EDUCATIONAL INSTITUTE
(ODL PROGRAMME)
OBSERVER'S REPORT FOR CONDUCT OF EXAMINATION
(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre: ISAMI NAGAR, NEW DELHI
2. Name of the Observer: REENA AHUJA
3. Examination Date & Shifts: DECEMBER, 6th, 2-2 — Dec-2019th, 2-2
(1st time)
4. Was the examination conducted on scheduled time & date? (YES/NO) (YES)
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO) YES
6. Was any case of UFM found during the examination session? (YES/NO) NO
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. NO
8. Was the seating arrangement as per normal/ satisfactory? (YES/NO) YES
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO) YES
If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER


(INCHARGE AT THE CENTRE)
Signature
Date:

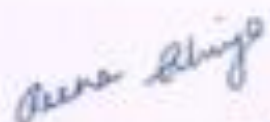

(REENA AHUJA)
(OBSERVER)
Signature

**DAYALBAGH EDUCATIONAL INSTITUTE
(ODL PROGRAMME)
OBSERVER'S REPORT FOR CONDUCT OF EXAMINATION
(AT THE ODL EXAMINATION CENTRE)**

1. Examination Centre: SOAMI NAGAR, NEW DELHI
2. Name of the Observer: REENA AHUJA
3. Examination Date & Shifts: MAY 6, 22 — MAY 13, 23 (2 shifts)
4. Was the examination conducted on scheduled time & date? (YES/NO)
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO) ✓
6. Was any case of UFM found during the examination session? (YES/NO) ✓
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. NO
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO) ✓
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO) ✓
If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER


(IN-CHARGE AT THE CENTRE)
Signature
Date:


(REENA AHUJA)
(OBSERVER)
Signature

DAYALBAGH EDUCATIONAL INSTITUTE
(ODL PROGRAMME)
OBSERVER'S REPORT FOR CONDUCT OF EXAMINATION
(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre: Rajarbarari
2. Name of the Observer: D. Sumir Rao
3. Examination Date & Shifts: 6/12/2022 to 17/12/2022 (First Shift)
4. Was the examination conducted on scheduled time & date? (YES/NO) ☒ YES
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO) ☒ YES
6. Was any case of UFM found during the examination session? (YES/NO) ☒ YES
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. *Not applicable*
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO) ☒ YES
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO) ☒ YES
If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER


(INCHARGE AT THE CENTRE)
Signature

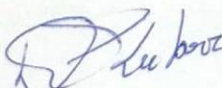
Date:


(D. Sumir Rao)
(OBSERVER)
Signature

DAYALBAGH EDUCATIONAL INSTITUTE
(ODL PROGRAMME)
OBSERVER'S REPORT FOR CONDUCT OF EXAMINATION
(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre: Rajabonari
2. Name of the Observer: D. Sunir Rao
3. Examination Date & Shifts: 6-5-23 till 13-5-23 (M and Evening)
4. Was the examination conducted on scheduled time & date? (YES/NO)
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO) ✓
6. Was any case of UFM found during the examination session? (YES/NO) ✓
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report.
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO)
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO)
If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER


(INCHARGE AT THE CENTRE)
Signature

Date:


(D. Sunir Rao)
(OBSERVER)
Signature

DAYALBAGH EDUCATIONAL INSTITUTE
(ODL PROGRAMME)
OBSERVER'S REPORT FOR CONDUCT OF EXAMINATION
(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre:

CONTROL ROOM (MAIN CAMPUS)

2. Name of the Observer:

Dr. Preeti Mani, Dr. Rupali Satsangi
Rohit Satsangi, Dr. Lohit Tark, Shubham Satsangi

3. Examination Date & Shifts:

06-012-22K 17-12-22 (ISEM)

4. Was the examination conducted on scheduled time & date? (YES/NO)

(In case NO, please mention details with reasons and action taken, if any)

5. Were the Invigilators at the Centre as per institute norms? (YES/NO)

6. Was any case of UFM found during the examination session? (YES/NO)

7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. NA

8. Was the seating arrangement as per norms/ satisfactory? (YES/NO)

If no please have it corrected before the exam commence.

9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO)

If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER

(INCHARGE AT THE CENTRE)

Signature

Date:

(Rohit Mehta)

(OBSERVER)

Signature

(Dr. Preeti Mani) (Dr. Rupali Satsangi)
(Rohit Satsangi) (Dr. Lohit Tark)

(Shubham Satsangi)

DAYALBAGH EDUCATIONAL INSTITUTE
(ODL PROGRAMME)
OBSERVER'S REPORT FOR CONDUCT OF EXAMINATION
(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre: DEI. Control Room, (Main Campus)
2. Name of the Observer: Shital Vinayak, Raghu Gantam, Dr. Manu Sharma, Dr. Sanjay Singh, Dr. Anupam Tewari
3. Examination Date & Shifts: 6/12/22 to 17/12/22, II Shift. I Sem. Exams (End Sem)
4. Was the examination conducted on scheduled time & date? (YES/NO)
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO) ✓
6. Was any case of UFM found during the examination session? (YES/NO) ✓
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. NA
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO) ✓
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO) ✓
If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER — No

(1) Shital Vinayak (EC)
(2) Raghu Gantam (TC)
(3) Manu Sharma (Edu.)
(4) Dr. Sanjay Singh (Soc)
(5) Anupam Tewari (Sc)

[Signature]
(INCHARGE AT THE CENTRE)
Signature

Date:

(OBSERVER)
Signature

DAYALBAGH EDUCATIONAL INSTITUTE
(ODL PROGRAMME)
OBSERVER'S REPORT FOR CONDUCT OF EXAMINATION
(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre:

CONTROL ROOM (MAIN CAMPUS)

2. Name of the Observer:

Dr. Preeti Manani, Dr. Rupali Satsangi
Rohit Satsangi, Dr. Lata Tank, Shubham Satsangi
(IST Shift)

3. Examination Date & Shifts:

6/5/23 to 13/5/23 (IInd Sem)

4. Was the examination conducted on scheduled time & date? (YES/NO)

(In case NO, please mention details with reasons and action taken, if any)

5. Were the Invigilators at the Centre as per institute norms? (YES/NO)

6. Was any case of UFM found during the examination session? (YES/NO)

7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report.

8. Was the seating arrangement as per norms/ satisfactory? (YES/NO)

If No please have it corrected before the exam commence.

9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO)

If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER

(INCHARGE AT THE CENTRE)

Signature

Date:

(OBSERVER)

Signature

DAYALBAGH EDUCATIONAL INSTITUTE
(ODL PROGRAMME)
OBSERVER'S REPORT FOR CONDUCT OF EXAMINATION
(AT THE ODL EXAMINATION CENTRE)

1. Examination Centre: DEI. Control Room. (Main Campus)
2. Name of the Observer: Raghar Gautam, Dr. Manu Sharma, Dr. Sanyog, Dr. Anupam, Shital Virajak
3. Examination Date & Shifts: 6/5/23 K 13/5/23 (2nd Shift)
II Shift, End Sem
4. Was the examination conducted on scheduled time & date? (YES/NO) ☒ YES
(In case NO, please mention details with reasons and action taken, if any)
5. Were the Invigilators at the Centre as per institute norms? (YES/NO) ☒ YES
6. Was any case of UFM found during the examination session? (YES/NO) ☒ YES
7. In case of any UFM Case, submit detailed report on separate sheet and attach with this report, along with the Invigilator's Report. NA
8. Was the seating arrangement as per norms/ satisfactory? (YES/NO) ☒ YES
If no please have it corrected before the exam commence.
9. Were all the arrangements such as Drinking Water, Wash Room, Lighting, Ventilation etc available at the Centre satisfactory? (YES/NO) ☒ YES
If No please mention, so that it can be rectified immediately.

ANY OTHER REMARKS BY THE OBSERVER - No -

(1) [Signature]
(Raghar Gautam)

(2) [Signature]
Dr. Manu Sharma

(3) [Signature]
Dr. Sanyog Singh

(4) [Signature]
(Dr. Anupam Terazi)

(5) [Signature]
(Shital Virajak)

[Signature]
(INCHARGE AT THE CENTRE)
Signature

Date:

(OBSERVER)
Signature