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BBABMCN 302

**III Semester B.B.A. Examination, February/March 2023
(2022-23 Batch Onwards)
(NEP 2020)**

ORGANISATIONAL BEHAVIOUR (DSCC)

Time : 2 Hours

Max. Marks : 60

SECTION – A

Answer **any five** of the following :

(5×2=10)

1. What is Type 'A' personality ?
2. Define organisational behaviour.
3. What is group dynamics ?
4. State the meaning of the term 'trouble shooting' teams.
5. What do you mean by resistance to change ?
6. Define organisational development.
7. Give the meaning of the term readiness to change with an example.

SECTION – B

Answer **any four** of the following :

(4×5=20)

8. What are the determinants of personality ?
9. Write a note on importance of organisational behaviour.
10. Explain the nature of planned change.

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11. Explain the different types of groups.
12. Explain the stages of group development.
13. How to overcome the resistance to change ?
14. Explain the process of organisational development.

SECTION – C

Answer **any three** questions from the following :

(3×10=30)

15. Explain the foundations of OB.
 16. Explain the different conflict resolution techniques.
 17. Identify the factors influencing perception.
 18. Explain different types of organisational systems.
 19. What are the conditions for optimal success of organisational development ?
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**III Semester B.B.A. Degree Examination, February/March 2023
(NEP 2020) (2022 – 2023 Batch Onwards) (DSCC)
COST ACCOUNTING**

Time : 2 Hours

Max. Marks : 60

Instruction : Provide working notes wherever necessary.

SECTION – A

(2 Marks each)

Answer **any five** of the following questions. **(5×2=10)**

1. Name the Elements of cost.
2. What is a Bin card ?
3. What do you mean by ABC analysis ?
4. Give the meaning of Secondary distribution of overhead.
5. What do you mean by Over time ?
6. Cost of placing an order is Rs. 60. Annual carrying cost per unit Rs. 2. Annual usage 6,000 units. Find the Economic Ordering Quantity.
7. If Sales are Rs. 2,00,000, Profit is 20% of sales, calculate the cost.

SECTION – B

(5 Marks each)

Answer **any four** of the following questions.

(4×5=20)

8. From the following details prepare an estimated cost sheet.

Cost of material Rs. 1,00,000

Direct wages Rs. 80,000

Factory overhead is charged at 75% of wages

Administration overhead is charged at 50% of works cost.

Profit is 10% of sales.

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9. From the following information, calculate the earnings of Rama and Shama under Taylor's differential piece rate system.

The working hours in a week consisted of 48 hours.

Standard output : 4 units per hour

Time rate : Rs. 32 per hour

Actual output : Rama – 175 units, Shama – 200 units

10. Cost book of a company showed a net profit of Rs. 86,460. A scrutiny of the figures revealed the following facts.

- | | |
|--|------------|
| a) Income tax paid | Rs. 20,000 |
| b) Bank interest (cr.) | Rs. 250 |
| c) Works overhead under absorbed | Rs. 1,550 |
| d) Administration overhead over absorbed | Rs. 850 |
| e) Loss charged only in financial book | Rs. 2,800 |
| f) Interest on investment | Rs. 4,000 |

Calculate profit as per financial account.

11. From the following details calculate :

- i) Re-order stock level
- ii) Maximum stock level
- iii) Minimum stock level
- iv) Average stock level.

Time required for delivery 2 to 4 months

Maximum consumption 9,000 units per month

Minimum consumption 3,000 units per month

Re-order quantity 25,000 units

12. A firm has three production departments P, Q and R and two service departments M and N. From the following details prepare Primary distribution summary.

Depreciation on machinery	Rs. 5,000	Lighting	Rs. 1,200
Rent	Rs. 2,000	Building Repair	Rs. 1,000
Power	Rs. 1,500		



Other details :

	Production Departments			Service Departments	
	P	Q	R	M	N
Value of machinery (Rs.)	12,000	16,000	20,000	1,000	1,000
Floor space (sq. Ft.)	400	500	600	400	100
HP of machines	75	30	25	10	10
Light points	20	30	40	20	10

- 13. What are the causes for Labour turnover ?
- 14. List the duties of a store keeper.

SECTION – C

(10 Marks each)

Answer any three of the following questions.

(3×10=30)

- 15. Following particulars are obtained from the financial records of M P Exports Ltd. for the year ended 31st March 2022.

	₹
Purchase of raw material	8,50,000
Productive wages	6,50,000
Chargeable expenses	50,000
Motive power	40,000
Works stationery	15,000
Unproductive wage	60,000
Office expenses	96,000
Telephone charges	4,000
Showroom rent	18,000
Commission on sales	13,500
Carriage outward	19,600
Stock : on 1st April 2021 :	
Materials	1,10,000
W-I-P	1,50,000
Finished goods	5,40,000
Stock : on 31st March 2022 :	
Materials	30,000
W-I-P	1,10,000
Finished goods	2,00,000

Sales Rs. 30,00,000. From the details given, prepare a statement of cost, showing various elements of costs.



16. From the following information write up stores ledger card in the prescribed form using First In First Out (FIFO) method.

2022 August, 1	Opening balance 200 units at Rs. 1.10 per unit
3	Received 100 units at Rs. 1.20 per unit
4	Issued 150 units
8	Returned to stores 20 units issued on 4 th August
12	Received 300 units at Rs. 1.40 per unit
21	Issued 100 units
23	Returned to vendor 30 units received on 12 th August
28	Received 200 units at Re. 1 per unit
30	Freight paid on purchase made on 28 th August Rs. 70
31	Excess of 5 units were found on stock verification

17. There are three production departments A, B and C and two service departments X and Y in Khali Ltd. From the following details prepare secondary distribution under Simultaneous Equation Method.

Total overhead after primary distribution :

Dept. A – Rs. 4,00,000 Dept. B – Rs. 3,50,000 Dept. C – Rs. 2,50,000

The expenses of service departments are to be apportioned on the following basis.

	Production Departments			Service Departments	
	A	B	C	X	Y
X	20%	40%	30%	–	10%
Y	40%	20%	20%	20%	–

18. From the following particulars compute machine hour rate for the month of April 2022.

Rent of the department (1/10 to this machine)	Rs. 15,000 p.a.
Operator's salary (1/8 to this machine)	Rs. 24,000 p.a.
Lighting (2 points to this machine out of 12 points)	Rs. 1,200 p.a.
Sundry expenses to this machine	Rs. 1,200 p.a.
Repair and maintenance for the machine	Rs. 24,000 p.a.
Cost of the machine	Rs. 25,000
Life	10 Years
Scrap value	Rs. 1,000
5 units of power would be used per hour at Rs. 2 per unit.	
Machine will work for 1,800 hours p.a.	

19. What are the advantages of cost accounting to the management ?

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**III Semester B.B.A. Examination, February/March 2023
(NEP 2020) (2022 – 23 Batch Onwards)
(DSCC)**

STATISTICS FOR BUSINESS DECISIONS

Time : 2 Hours

Max. Marks : 60

Instructions : 1) *Only simple calculators are allowed.*
2) *No additional sheets will be provided.*

SECTION – A

Answer **any 5** of the following. **2 marks each.** **(5×2=10)**

1. What is meant by secondary data ?
2. What is tabulation ?
3. The mean and median of a slightly skewed distribution are 12 cm and 12.7 cms respectively. Find the mode.
4. If mean and coefficient of variation are 25% and 16%, find standard deviation.
5. Write the formula to calculate probable error.
6. In a bivariate data the regression coefficients are – 4.5 and – 0.02, find the coefficient of correlation.
7. Calculate a suitable index number, given $\epsilon_{p_1 q_0} = 182$ and $\epsilon_{p_0 q_0} = 120$.

SECTION – B

Answer **any 4** of the following. **5 marks each.** **(4×5=20)**

8. Explain the functions of statistics.
9. What are the methods of classification of data ?
10. Prepare a blank table to show workers of a factory according to experienced/ inexperienced, urban/rural, male/female in two different years 2021/2022.

P.T.O.



11. Calculate median for the following :

Marks	No. of students
40 – 50	4
50 – 60	12
60 – 70	28
70 – 80	16
80 – 90	10

12. Calculate Karl Pearson's coefficient of skewness for the following data :

C.I.	Frequency
0 – 10	5
10 – 20	6
20 – 30	11
30 – 40	21
40 – 50	35
50 – 60	30
60 – 70	22
70 – 80	11

13. You are given the following information about advertising and sales.

	Advertisement (₹ in lakhs)	Sales (₹ in lakhs)
Arithmetic Mean	10	90
Standard Deviation	3	12

Coefficient of correlation $r = 0.8$. Find the likely sales when advertisement budget is ₹ 15 lakhs.



14. Calculate cost of living index for the following data :

Commodity	Price index	Weights
A	200	50
B	175	10
C	160	12
D	225	15
E	150	13

SECTION – C

Answer any 3 of the following. 10 marks each.

(3×10=30)

15. The following table gives the weekly wage of workers of two factories A and B. Find the correlation between two companies and which company shows the higher performance.

Weekly Wage (₹)	Number of Workers	
	Branch A	Branch B
20 – 30	7	15
30 – 40	15	30
40 – 50	22	44
50 – 60	30	60
60 – 70	20	30
70 – 80	4	14
80 – 90	2	7

16. Calculate Karl Pearson's coefficient of correlation.

x \ y	20 – 30	30 – 40	40 – 50	50 – 60
10 – 15	10	10	–	–
15 – 20	–	20	8	–
20 – 25	–	10	25	6
25 – 30	–	–	7	4

17. For the following time series, fit a linear trend by the method of least squares. Find the trend values and estimate the sales for the year 2023.

Year	Sales ('000 units)
2013	103
2014	106
2015	95
2016	93
2017	98
2018	93
2019	90
2020	86

18. From the following data, find :

- The 2 regression equations.
- Estimate the value of y when x = 45.

x	y
56	147
42	125
36	118
47	128
49	145
42	140
60	155
72	160
63	149
55	150

19. Construct Fisher's Ideal Index number for the following data and show how it satisfies the time reversal tests :

Commodity	2021		2022	
	Price	Quantity	Price	Quantity
M	12	20	14	30
N	14	13	20	15
O	10	12	15	20
P	6	8	4	10
Q	8	5	6	5