## M.L. DAHANUKAR COLLEGE COMMERCE
### EXTERNAL FINAL EXAMINATION –March/April 2024
### FYBFM SEM II
#### SUBJECT: Financial Accounting II

Marks:75

**Date: 04/04/2024**  **Time: 7:30-10:00**

**Q1A)** **State whether the following statements are True or False (any 8 out of 10)**  8 marks

1. Pre-acquisition interest on purchase of debentures is a capital receipt and credited to Investment account.
2. Bank overdraft is shown under the head of 'Long Term Borrowings' in the Balance Sheet as per schedule III of Companies Act, 2013
3. After buyback of Equity Shares, the Debt-Equity ratio should not exceed 2:1
4. Capital Redemption Reserve can be utilised for issue of fully paid-up Bonus Shares.
5. The Loss on issue of debentures is a deferred revenue expenditure.
6. Right Shares are issued to existing shareholders free of cost.
7. Book Building refers to the process of Building of books of accounts.
8. Profit on Resale of own debentures is Revenue Profit and credited to Profit and Loss A/c
9. Securities Premium can be used for the purpose of distribution of Dividend.
10. Preference shareholders have preference over equity shareholders in payment of dividend.

**Q1B)** **Match the column (any 7 out of 10)**  7 marks

| Column A | Column B |
|---|---|
| 1) Non-payment of calls | i) Cash Memo |
| 2) Sweat Equity shares | ii) Finance Cost |
| 3) Employee Benefit Expenses | iii) Bonus Share Issue |
| 4) Loose Tools | iv) IPO |
| 5) Objective Evidence | v) Reduction in Share Capital |
| 6) Receipt on sale of right entitlement | vi) Salaries and Wages |
| 7) Reduction in Reserves | vii) Employees and Directors |
| 8) Price Band | viii) Inventories |
| 9) Interest on Borrowings | ix) Credit Profit& Loss A/c |
| 10) Buyback of Shares | x) Forfeiture of shares |

**Q2 A** Angel Ltd issued prospectus inviting applications for 2,00,000 equity shares of Rs.10 each at a premium of Rs.2 per share, payable as under:  15 Marks

On application: Rs.2 per share, On allotment: Rs.5 per share (including premium), On first call Rs.2 per share, On final call Rs.3 per share.

The shares were fully subscribed and duly allotted. All the money due on application, allotment and calls was received with the exception of the following:

i) Miss Shruti to whom 15,000 shares were allotted failed to pay the allotment money and the money due on both the calls.

ii) Miss Shriya who was allotted 10,000 shares, failed to pay both the calls.

Angel Ltd. forfeited the shares of Miss Shruti and Miss Shriya. These forfeited shares were subsequently reissued at Rs 8 per share fully paid-up to Mr. Vishnu. Pass Journal entries in the books of Angel Ltd.

**Q2 P** Imax Ltd. issued 5,000, 8% debentures of Rs.100 each at a discount of 10% payable as Rs.10 on application, Rs.40 on allotment, Rs.30 on first call and balance on final call. All the amounts were duly received. Discount on debentures is to be adjusted at the time of allotment. Pass necessary Journal entries in the books of the company.

8 Marks

**Q2 Q** On 1st January, 2020, Mr Amit purchased 5,000 shares of TCS Ltd. at Rs.85 per share and paid brokerage @1.5% and stamp duty of Rs. 4,500. On 1st April,2020. Mr Amit purchases another 7,500 shares of TCS Ltd. at Rs. 96 per share and paid brokerage @1.5% and stamp duty Rs.7,000. On 1st December,2020. Mr Amit sold 6,000 shares at Rs.110 per share and paid brokerage @1.5%.
You are required to:
i) prepare the Investment A/c in the books of Mr Amit for the year ending 31st December, 2020
ii) Find the cost of investment sold and profit or loss on sale of investment. Mr Amit follows the weighted average cost method to value his investments.

7 Marks

**Q3 A** The Balance Sheet of Kansas Ltd. on 31st December, 2022 is as follows:

15 Marks

| Liabilities | Amount (Rs.) | Assets | Amount (Rs.) |
|---|---|---|---|
| 25,000 Equity Shares of Rs. 10 each, Rs.8 per share paid up | 2,00,000 | Plant and Machinery | 1,80,000 |
| Securities Premium | 50,000 | Furniture | 60,000 |
| Capital Redemption Reserve | 30,000 | Building | 1,60,000 |
| General Reserve | 75,000 | Debtors | 25,000 |
| Profit & Loss A/c | 55,000 | Stock | 30,000 |
| Creditors | 60,000 | Cash and Bank Balance | 45,000 |
| Outstanding Expenses | 30,000 | | |
| Total | 5,00,000 | Total | 5,00,000 |

The directors recommended the following with a view of capitalising the profits:
i) By way of bonus dividend, the partly paid-up shares are converted into fully paid-up shares.
ii) It was further decided to issue fully paid-up bonus shares in the ratio, 2 bonus shares for every 5 shares held.
Pass Journal entries in the books of the company and prepare the Balance Sheet after issue of Bonus shares.

OR

**Q3P** The Balance Sheet of Krishna Ltd on 31st December,2021 is as follows:

15 Marks

| Liabilities | Amount (Rs.) | Assets | Amount (Rs.) |
|---|---|---|---|
| 50,000 Equity Shares of Rs.10 each | 5,00,000 | Plant & Machinery | 2,00,000 |
| General Reserve | 2,40,000 | Furniture | 1,40,000 |

| | | | |
|---|---|---|---|
| Profit& Loss Account | 1,57,000 | Stock | 6,00,000 |
| Securities Premium | 1,00,000 | Debtors | 2,26,000 |
| Sundry Creditors | 4,25,400 | Cash in Hand | 7,400 |
| Other Liabilities | 1,81,000 | Cash at Bank | 4,30,000 |
| Total | 16,03,400 | Total | 16,03,400 |

Machinery is valued at Rs.3,20,000. Average Yield in this type of business is 20%. The rate of tax is 50%. The company transfers 10% of its profits (after tax) to General Reserve.

The Net Profit before tax for the last 3 years have been as follows:
Rs.2,75,000 ; Rs.3,94,000 and Rs. 3,66,000

Calculate the value of one equity share on the basis of:
i) Intrinsic Value; ii) Yield Value; iii) Fair Value

**Q4 A** The Trial Balance of Olaf Ltd. as on 31-3-2023 is as follows:

15 Marks

| Particulars | Debit (Rs.) | Credit (Rs.) |
|---|---|---|
| 5000 Equity Shares of Rs.100 each | | 5,00,000 |
| General Reserve | | 80,000 |
| Profit & Loss A/c (on1-4-2022) | | 1,12,000 |
| Land & Building | 2,65,000 | |
| Plant& Machinery | 2,35,000 | |
| Furniture | 1,07,250 | |
| Sales | | 12,35,000 |
| Purchases | 6,36,550 | |
| Opening Stock | 1,90,000 | |
| Sundry Debtors | 2,77,000 | |
| Bad Debts | 2,500 | |
| Salaries& Wages | 1,95,000 | |
| Repairs& Renewals | 12,000 | |
| Director's Fees | 6,700 | |
| Total | 19,27,000 | 19,27,000 |

Prepare statement of Profit& Loss for the year ending 31st March,2023 and Balance Sheet as on that date in the prescribed vertical form as per Schedule III of Companies Act, 2013 after considering the following information:
a) Depreciate Plant & Machinery at 10%
b) Create Reserve for bad debts at 10% on Sundry Debtors
c) Closing Stock as on 31-3-2023 was Rs.2,02,000

OR

**Q4P** Samson Ltd. issued 6000 debentures of Rs.100 each on 1st January,2018.
Subsequently it purchased its Own Debentures as under:      8 Marks
i) On 1st July, 2018, 650 own debentures were purchased at Rs. 96 per debenture
ii) On 1st September, 2018, 350 own debentures were purchased at Rs.95 per debenture

iii) On 1st November, 2018, 1000 own debentures were purchased at Rs. 94 per debenture.

All Own Debentures were cancelled on 31st December ,2018.

Pass Journal entries in the books of Samson Ltd.

Q4 Q    Titan Ltd. had an issued equity share capital of Rs.50,00,000 of face value Rs.10    7 Marks
each. The company decided to buyback 1/5 of its share capital at 20% premium.
In order to comply with all the formalities related to the buyback of shares, Titan
Ltd. utilises balances in Securities Premium and other reserves as permitted for the
purpose of the Buyback of Equity Shares.

The additional information related to Reserves and Surplus is given below:

| Reserves and Surplus | Amount (Rs) |
|---|---|
| General Reserve | 6,00,000 |
| Capital Reserve | 1,10,000 |
| Capital Redemption Reserve | 1,50,000 |
| Securities Premium | 1,20,000 |
| Profit& Loss A/c | 7,00,000 |

Pass Journal Entries in the books of Titan Ltd.

Q5 A    Explain the Intrinsic Value method and Yield Value method of valuation of shares.    8 Marks
Q5 B    What is a Debenture? Explain the different types of Debentures.                        7 Marks

OR

Q5    **Write Short Notes On (any 3)**
1    Central Processing Unit    15 Marks
2    Super Profit method of valuation of goodwill
3    Accounting Standard 13 – Accounting for Investments
4    Types of Accounting Conventions
5    Buyback of Debentures

# PTVA's M. L. DAHANUKAR COLLEGE OF COMMERCE
## Academic Year: 2023-24
## Semester End Examination

Class: FYBMS/FYBAF/FYBBI/FYBFM

Semester: II

Subject: Business Communication-II

Time: 2.5 hours

Date: 5th April 2024

Total: 75 marks

Time: 7:30 am to 10:00 am

### Instructions for the candidate:
1. This question paper contains 2 pages
2. In all, 5 main questions shall be attempted.
3. Answers to each new question should begin on a fresh page.
4. Figures on the right-hand side indicate full marks.

| Q1A) | **Fill in the Blanks** | 8 marks |
|---|---|---|
| 1. | _____ charts involves each angle from "what-if" perspective. <br> a) Table b) Pie c) Flow d) Organizational | |
| 2. | Proficiency of an employee is judged through _____ interview. <br> a) Exit b) Selection c) Grievance d) Reprimand | |
| 3. | _____ interview is disciplinary action. <br> a) Reprimand b) Grievance c) Appraisal d) Medical | |
| 4. | _____ of meeting understand and note down what is discussed. <br> a) Member b) Consensus c) Chairman d) Attendee | |
| 5. | _____ gives hands – on experience for the participants. <br> a) Workshops b) Seminar c) Symposiums d) Round table conference. | |
| 6. | _____ give out certificate to participants. <br> a) Inaugural session b) Technical Session c) Valedictory session d) Pre conference session. | |
| 7. | _____ are the cuttings of articles. <br> a) Films b) Press Clippings c) Press Releases d) Bulletins. | |
| 8. | _____ letters request overdue payments. <br> a) Complaint b) Inquiry c) Collection d) Order | |
| 9. | In sales later _____ paragraph represents the hook. <br> a) Introductory b) Middle c) Closing d) None | |
| 10. | _____ reports are prepared and submitted at regular intervals in usual business routine. <br> a) Periodic b) Informative c) Investigative d) Special | |
| Q1B) | **State whether True or False** | 7 marks |
| 1. | Report should be reader oriented. | |
| 2. | RTI Act came in to being in 2006. | |
| 3. | Rights of consumer are against business men. | |
| 4. | Selling is the index of success in business. | |
| 5. | You attitude is important in letters of adjustment and claims. | |
| 6. | Government bodies are not part of the Publics. | |
| 7. | Agenda is kept secret till the meeting begins. | |
| 8. | Symposiums are the gatherings including refreshments and entertainment. | |
| 9. | Appraisal interview should be conducted weekly. | |
| 10. | Presentations require the speaker to memorise everything. | |

| | | |
|---|---|---|
| Q2 A | Explain the process of Interview. | |
| Q2 B | Discuss the types of Crisis Management. | 8 Marks |
| | | 7 Marks |
| | **OR** | |
| Q2 P | Discuss the steps to organize a conference. | |
| Q2 Q | Explain the preparation to be done by the interviewer before the interview. | 8 Marks |
| | | 7 Marks |
| Q3 A | Draft a warning letter in Full Block format on behalf of Lakhani Stationary Store to Modern Company requesting remaining payment of a bill of Rupees 25000/- for stationary they bought some months ago. | 8 Marks |
| Q3 B | Write a letter to Mantra Company ordering vacuum cleaners on trial basis for your store on account of upcoming Diwali Festival in Modified Block Format. | 7 Marks |
| | **OR** | |
| Q3P | Singh Brothers from Delhi have placed order with Tech Craft company asking for credit period of three months. Write letter of credit inquiry in Semi Block Format to Ideal Private Limited as referred by Singh Brothers. | 8 Marks |
| Q3 Q | Write a sales letter to promote sale of 'Healthy Ready to Cook Soup' | 7 Marks |
| Q4 A | Write a letter of complaint in Full Block to Aroma Company for delivering bad quality flower bouquets ordered by your company for important seminar. | 8 Marks |
| Q4 B | Write RTI application regarding prolonged road construction work in your area. | 7 Marks |
| | **OR** | |
| Q4P | Write a promotional leaflet to promote Water Resort. | 8 Marks |
| Q4 Q | Draft the notice and agenda for a Annual General board meeting of Mehta Finance Company. | 7 Marks |
| Q5 A | The workers of a large factory have been asking for a rise in wages and housing accommodation. The management appoints a committee to investigate the demand. Draft a committee report with findings and recommendations. | 8 Marks |
| Q5 B | Summarize the following passage | 7 Marks |

What has leaves that are swords and fruits that are all eyes ? The pineapple, of course. The fruit varies considerably in size and colour and is found in most of the tropical countries. Besides being delicious and versatile and an excellent source of vitamins A, C and to a lesser extent, B, the pineapple is also an aid to digestion and relief for acid dyspepsia. In Taiwan and the Philippines, the peels discarded during the canning process are pressed to make vinegar. The shells, shredded and kiln-dried, make nutritious cattle food. The tough, sword-like leaves yield a fiber that is woven into a delicate, semi-transparent cloth in the Philippines. Mixed with straw and bamboo, the leaf fibers are also used to make paper for Chinese painting. By-products from the manufacture of juice include liquid sugar used in caning, ascorbic acid to keep frozen peaches from turning brown, and citric acid for beverage and medical applications.

| | | OR | | |
|---|---|---|---|---|
| Q5 | **Write Short Notes On ( any 3)** | | | 15 Marks |
| 1 | Grievance Interview | | | |
| 2 | Formal Reports | | | |
| 3 | Advice and Counselling | | | |
| 4 | Group Discussion | | | |
| 5 | Under Stress Interview | | | |
| | | | | |
| | | | | |

# PTVA's M. L. DAHANUKAR COLLEGE OF COMMERCE
## Academic Year: 2023-24
## Semester End Examination

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

Subject: Foundation Course --II

Time: 2.5 hours

Date: 6th April 2024

Total: 75 marks

Time: 7:30 am to 10:00 am

**Instructions for the candidate:**
1. This question paper contains **2** pages
2. In all, 5 main questions shall be attempted.
3. Answers to each new question should begin on a fresh page.
4. Figures on the right-hand side indicate full marks.

| Q1A) | State whether True or False (any 8 out of 10) | | 8 marks |
|---|---|---|---|
| 1. | Migration means movement or shifting of people from one place to another. | | |
| 2. | Article 18 is related to Right to Freedom. | | |
| 3. | Corporate farming was introduced in the NAP 2000. | | |
| 4. | Choice between two negative alternative is known as Approach – Approach conflict. | | |
| 5. | In an ecosystem, the plants are primary producers. | | |
| 6. | Self-actualization is a fulfilment of basic needs. | | |
| 7. | Information technology has made communication expensive and complex. | | |
| 8. | Magna Carta was signed in 1216. | | |
| 9. | Environmental degradation does not affect marine life. | | |
| 10. | Psychological needs are the basic needs on human beings. | | |

| Q1B) | Match the column (any 7 out 0f 10) | | 7 marks |
|---|---|---|---|
| 1. | Globalization | Right to Freedom of Religion | |
| 2. | Natural environment | Teacher | |
| 3. | Privatization | Takes place within individual | |
| 4. | Article 25 | Signing of WTO agreement | |
| 5. | Interpersonal Conflict | Auto of public sector | |
| 6. | Geosphere | Attack opponent openly | |
| 7. | Agent of Socialization | Four | |
| 8. | Article 19 | Scope for tourism | |
| 9. | Up-front attackers | Right to Equality | |
| 10. | Article 15 | Right to Freedom | |

| Q2 A | Explain privatization and the benefits to the nation. | 8 Marks |
|---|---|---|
| Q2 B | Briefly discuss the UDHR (Universal Declaration of Human Rights). | 7 Marks |
| | **OR** | |

| | | | |
|---|---|---|---|
| Q2 P | What is ecology? explains its sub-division. | | 8 Marks |
| Q2 Q | Explain the following theories on Evolution of Human Rights: 1) Theology & Religion, 2) Theory of Natural Law | | 7 Marks |
| | | | |
| Q3 A | Write about the cause-and-effect relation of migration. | | 8 Marks |
| Q3 B | Describe Maslow's theory with Critical appraisal. | | 7 Marks |
| | **OR** | | |
| Q3 P | Explain Conflict. What are the different strategies for coping with conflict? | | 8 Marks |
| Q3 Q | Why is environmental study important in the context of development? | | 7 Marks |
| | | | |
| Q4 A | What are the causes of aggression and violence? | | 8 Marks |
| Q4 B | What are the reasons for farmer suicides? | | 7 Marks |
| | **OR** | | |
| Q4 P | What are the 8 restrictions on the freedom of speech & expression? | | 8 Marks |
| Q4 Q | Explain in detail about the growth of information technology and communication. | | 7 Marks |
| | | | |
| Q5 A | What are the causes of Environmental degradation? | | 8 Marks |
| Q5 B | Explain the sources of conflict. | | 7 Marks |
| | **OR** | | |
| Q5 | **Write Short Notes On (any 3)** | | 15 Marks |
| 1 | Corporate Farming. | | |
| 2 | Organisational strategies to cope up with stress | | |
| 3 | Strategies to avert conflicts created by prejudices. | | |
| 4 | Causes of Environmental Stressors. | | |
| 5 | Poverty & Environment. | | |

# M.L.DAHANUKAR COLLEGE COMMERCE
## EXTERNAL FINAL EXAMINATION –March/April 2024
### FYBFM SEM II
### SUBJECT: BUSINESS STATISTICS

Marks:75

**Date: 08-Apr-2024**

**Time: 07:30AM-10:00 AM**

**Q1A)** **Choose the correct alternatives (any 8 out 0f 10)**          8 marks

1. If $r = -1$ then there is -------------correlation between given variables.
    a) Positive
    b) Negative
    c) Perfect Positive
    d) Perfect Negative

2. Geometrically, each regression equation represent----------------
    a) Straight line
    b) Circle
    c) Parabola
    d) Histogram

3. If $bxy = 2/3$ & $byx = 3/8$ are two regression coefficients then correlation coefficient between $x$ & $y$ is------------------
    a) 0.25
    b) −0.5
    c) 0.5
    d) −0.25

4. Mode of the data 8,9,4,5,4,6,4,3,9,4,3,4,2,4,8,4 is
    a) 6
    b) 8
    c) 9
    d) 4

5. Which of the following is example of positive correlation?
    a) Speed of car & duration required to cover distance
    b) Price & Demand of commodity
    c) Income & Expenditure
    d) Temperature & Sale of heaters

6. Coefficient of range of 60, 65, 78, 30, 90 is---------
    a) 0.2
    b) 0.3
    c) 0.4
    d) 0.5

7. Frequency of the class is 56 & total frequency id 280. Then % relative frequency of the class is ----------------
    a) 20%
    b) 40%
    c) 50%
    d) 30%

8. ------------- is the most appropriate absolute measure of dispersion.
    a) Range
    b) Mean
    c) Standard Deviation
    d) Quartile Deviation

9. Company manufactures & sales three products. Profit earned by company are respectively Rs. 45, Rs.34 & Rs. 56. Then objective function so formed is ----------
   a) $Max\ Z = 45x + 34y$
   b) $Max\ Z = 45x + 34y + 56z$
   c) $Min\ Z = 45x + 34y$
   d) $Min\ Z = 45x + 34y + 56z$

10. Mean of the distribution 67,80,54,56,85,32,70,36 is----------------
   a) 50
   b) 70
   c) 80
   d) 60

## Q1B) State whether the following statements are true or false (any 7 out 0f 10)     7 marks

1. In LPP, number of decision variables depends upon number of resources.
2. Mean can not be located in case of data which has open end classes.
3. In case of constraints of the form $\leq$ , region is shaded below the line in first quadrant.
4. To draw frequency polygon, upper limit of each class is located on $x$ –axis.
5. % of marks is example of discrete variable.
6. Median divides given distribution into 10 equal parts.
7. If variance of distribution is 4 then its standard deviation is 2
8.. If company manufacture 2 products which requires 3 raw materials, then LPP so formed has 3 variables & 2 constraints.
9. In % bar diagram, height of each bar is 100 units.
10. Rank correlation coefficient is discovered by Spearman.

**Q2 A** Draw less than ogive to represent given distribution & hence locate median     **8 Marks**

| Daily wages in '00 Rs. | 5 – 7 | 7 – 9 | 9 – 11 | 11 – 13 | 13 – 15 |
|---|---|---|---|---|---|
| No. of employees | 100 | 150 | 250 | 300 | 200 |

**Q2 B** Find 7$^{th}$ decile & 30$^{th}$ percentile     **7 Marks**

| Marks | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 |
|---|---|---|---|---|---|
| Number of students | 30 | 45 | 55 | 35 | 25 |

OR

**Q2 P** Calculate coefficient of variation of the data given below     **8 Marks**

| Weight in kg | 22 | 25 | 30 | 32 | 38 |
|---|---|---|---|---|---|
| Number of persons | 14 | 16 | 20 | 18 | 12 |

**Q2 Q** Compute Karl Pearson's correlation coefficient between $x$ & $y$     **7 Marks**

| $x$ | 50 | 58 | 52 | 60 | 75 |
|---|---|---|---|---|---|
| $y$ | 58 | 38 | 42 | 22 | 20 |

**Q3 A** Find the regression equation of $y$ on $x$ from the information given below & hence find the value of $y$ when $x = 12$     **8 Marks**

$\Sigma x = 60$, $\Sigma y = 24$, $\Sigma x^2 = 660$, , $\Sigma xy = 204$, $n = 6$

**Q3 B** Solve the following LPP by graphical method     **7 Marks**

$Min z = 5x + 2y$ Subject to $2x + 2y \geq 100$, $4x + 2y \leq 120$ , $x$ , $y \geq 0$

OR

**Q3 P** Calculate coefficient of quartile deviation of the distribution given below.    8 Marks

| Height in inches | 60-62 | 62-64 | 64-66 | 66-68 | 68-70 |
|---|---|---|---|---|---|
| Number of persons | 5 | 18 | 42 | 27 | 8 |

**Q3 Q** Calculate Rank Correlation Coefficient between $x$ & $y$    7 Marks

| $x$ | 40 | 68 | 70 | 54 | 50 | 63 | 60 | 78 |
|---|---|---|---|---|---|---|---|---|
| $y$ | 50 | 32 | 78 | 65 | 90 | 54 | 45 | 80 |

**Q4 A** Calculate median & mode of the given distribution    8 Marks

| Expenditure. in '00 Rs. | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 |
|---|---|---|---|---|---|---|
| No. of families | 70 | 100 | 120 | 150 | 100 | 60 |

**Q4 B** If $4x - 3y + 5 = 0$ is regression equation of $x$ on $y$ & $3x - 3y + 15 = 0$ is regression equation of $y$ on $x$ then find    7 Marks

    i)       Mean of $x$ & $y$

    ii)      Regression coefficient of both lines

    iii)    Correlation coefficient between $x$ & $y$.

<center>OR</center>

**Q4 P** Company manufactures two types of products A & B. Both products are processed    10 Marks
on 2 machines M1 & M2. One unit of A requires 4 hrs. on M1 & 2 hrs. on M2. One unit of B requires 4 hrs. on M1 & 3 hrs on M2. Company must utilize maximum 100 hrs. of M1 & maximum 60 hrs of M2. Profit earned by selling one unit of A is Rs.45 & by selling one unit of B is Rs.30.
Formulate the given problem as LPP & solve graphically to maximize total profit.

**Q4 Q** In a factory there are 500 workers. Average salary of 150 workers of morning shift    5 Marks
is Rs. 15,000. Average salary of 250 workers of afternoon shift is Rs. 17,500. Average salary of remaining workers is Rs. 16,800. Calculate average salary of all 500 workers together.

**Q5 A** Define: Attributes, Variable, Discrete Variable & Continuous Variable. Give 2    8 Marks
examples of each

**Q5 B** Define: Secondary Data. What are the various sources of secondary data?    7 Marks

<center>OR</center>

**Q5** **Write Short Notes On ( any 3)**    15 Marks
1   Pie Diagram
2   Graphical method to locate mode
3   Advantages of Sampling
4   Positive Correlation, Negative Correlation & Zero Correlation. Support your answer with suitable examples.
5   Regression

Date: 10/04/2024
Time : 7:30-10:00

**Q1A)** **Multiple Choice Questions (any 8)**                              8 marks

1. Earth is known as the _____ planet.( red ,blue ,green, white)
2. _____consumers are also called third order consumers.(Primary, Secondary ,Tertiary ,Quaternary)
3. _____ resources are found everywhere.(Potential ,Ubiquitous, Renewable, Energy)
4. _____ is the largest producer of hydroelectric power.(China ,Norway ,Canada ,USA)
5. The _____ sector of the economy manufactures finished goods.( Primary ,Secondary ,Tertiary , Quaternary)
6. _____ is the major cause of enhanced greenhouse effect.(Acid Rain ,Deforestation ,Mining ,Desertification)
7. GPS concept is based on _____.(Time ,Temperature ,Rainfall ,Management)
8. _____ is the first step in pre-audit stage of environmental audit.( Developing an audit plan ,Preparing the questionnaire ,Interview ,Drafting report)
9. _____ audit is concerned with how company deals with environmental issues.( Compliance ,Issues ,Activity ,Technical)
10. _____ is celebrated as World Environment Day.( 5th June ,5th September ,20th March ,22nd April)

**Q1B)** **State whether the following statements are True or False. (any 7 )**     7 marks

1. Forest acts as Carbon sink.
2. There are 18 mega diversity nations in the world.
3. GIS and GPS are important tools in environmental analysis.
4. Sustainable tourism means responsible tourism practices.
5. Over irrigation causes problems like salinity of soil.
6. The top executives and government officials come under tertiary sector.
7. Wind energy is environment friendly.
8. Energy derived from running water is called Tidal energy.
9. Peat is the highest rank of coal.
10. Autotrophs are living things who are unable to produce their own food.

Q2 A   Define environment and discuss the different types of consumers in brief.     8 Marks
Q2 B   Explain in brief freshwater ecosystems and ocean ecosystems.                7 Marks
                                    OR
Q2 P   What are the solutions to the threats to biodiversity?                      8 Marks
Q2 Q   Explain environmental, social and ethical value of biodiversity.            7 Marks

Q3 A   What are the causes of exploitation of natural resources?                   8 Marks
Q3 B   What is desertification? Discuss the effects of desertification.            7 Marks
                                    OR
Q3P    Explain in brief importance of soil resource.                               8 Marks
Q3 Q   What are the measures to conserve forests?                                  7 Marks

Q4 A   What are the stages of development according to Three Sector Theory?        8 Marks

Q4 B     Explain the environmental impact of industries.     7 Marks

<div align="center">OR</div>

Q4P     Explain the concept of sustainable agriculture and sustainable tourism.     8 Marks

Q4 Q     Explain the environmental impact of fishing.     7 Marks

Q5 A     What is environmental audit? What are its features?     8 Marks

Q5 B     Explain the applications of remote sensing.     7 Marks

<div align="center">OR</div>

Q5     **Write Short Notes On ( any 3)**     15 Marks

1     Objectives of environment studies

2     Post –audit stage of environmental audit

3     Environmental Information System

4     Energy Conservation

5     Solar energy

**SUBJECT : Principles of Management**

Date: 12ᵗʰ April 2024

Time : 07:30 a.m to 10:00 a.m.

**Q1A)** **True or False (any 8 out 0f 10)** — 8 marks
1. Management is all pervasive.
2. Planning is required in all functions of management.
3. MBO means management by Objections.
4. Controllable premises includes factors like taxation policies.
5. Rules are not rigid.
6. Authority can be delegated.
7. Inadequate data creates promptness in decision making.
8. Esprit de Corps was proposed by Fayol.
9. Autocratic leader believes in participative management.
10. CPM is a traditional method of controlling.

**Q1B)** **Match the column (any 7 out 0f 10)** — 7 marks

1. Bureaucratic approach    a. F W Taylor
2. Scientific approach    b. Government
3. Administrative approach    c. Employees
4. External policies    d. expansion
5. Internal policies    e. Traditional method of controlling
6. Growth strategy    f. Modern method of controlling
7. Retrenchment strategy    g. divestment
8. ROI    h. deviation identification
9. Budgetary control    i. Henry Fayol
10. Control system    j. Max weber

Q2 A    Explain the Henry Fayol's principles of management.    8 Marks
Q2 B    What are the different leadership styles?    7 Marks

OR

Q2 P    What are the challenges in management?
Q2 Q    Elaborate on significance of management.    8 Marks    7 Marks

Q3 A    Explain the features of goals.
Q3 B    What are the benefits of decision making?    8 Marks    7 Marks

OR

Q3P    What are the steps in goal setting?
Q3 Q    What are the steps in process of MBO.    8 Marks    7 Marks

Q4 A    Explain the advantages and limitations of Functional departmentation.
Q4 B    What are the benefits of decentralisation of authority?    8 Marks    7 Marks

OR

Q4P    What are the characteristics of organising?
Q4 Q    Explain: 'Coordination is an essence of Management'.    8 Marks    7 Marks

Q5 A    Explain the meaning and nature of Controlling.
Q5 B    What are the modern techniques of Controlling?    8 Marks    7 Marks

OR

Q5    **Write Short Notes On ( any 3)**    15 Marks

**Date: 13/04/2024**        **Time: 7:30-10:00**

**Q1A)**    **True or False (any 8 out of 10)**          8 marks

1. The My Computer in Windows serves as a central hub for accessing applications, files, settings, and other features of the operating system.
2. If we want to write the formula in Ms-excel then the" =" symbol is used at the start of the formula.
3. Recycle Bin serves as a central repository for users to easily access and manage their important files.
4. A Document and setting is a form of real-time communication that enables users to exchange text messages.
5. Word Web Wide means WWW.
6. Word will automatically correct common spelling errors and typos based on its built-in English dictionary list.
7. Hyperlinks are clickable elements that allow users to navigate between different pages or websites.
8. The Intranet is a global network that connects millions of computers
9. Users access email services through email Client applications.
10. Delete is a fundamental feature in Microsoft Windows operating systems, providing users with a safety net for managing their deleted files.

**Q1B)**    **Fill in the Blanks (any 7 out of 10)**          7 marks

1. A _____ is a programmable machine.
2. A powerful computer is capable of adding together two ____-digit numbers in 300 to 400 nanoseconds.
3. The computer's accuracy is very_____.
4. ____ seems capable of performing almost any task.
5. CPU means_____.
6. Internet telephony uses _____ protocol.
7. GUI means_____.
8. My computer is a classic feature in ____operating systems.
9. Email services refer to the provision of _____mail communication.
10. Approximately _____ % of PCs run some version of Windows globally.

**Q2 A**    Define the following computer generation        8 Marks
     1. Third Generation
     2. Fourth Generation

**Q2 B**    Define the computer and explain the following characteristics.      7 Marks
     1. Reliability
     2. Storage Capacity

<p align="center">OR</p>

**Q2 P**    Draw a diagram of a computer with a suitable theory.      8 Marks
**Q2 Q**    Discuss Microcomputer.      7 Marks

| | | |
|---|---|---|
| Q3 A | Define My document concept with a suitable theory. | |
| Q3 B | Discuss the role of the start menu in MS Windows. | 8 Marks |
| | OR | 7 Marks |
| Q3 P | What is email service? | |
| Q3 Q | Discuss instant messaging. | 8 Marks |
| | | 7 Marks |
| Q4 A | Write a step to Find and Replace Text formatting in Microsoft MS Word. | |
| Q4 B | Write the steps to create a new document in Microsoft MS Word. | 8 Marks |
| | OR | 7 Marks |
| Q4 P | Write a short on the Sorting process used in MS Excel with example. | |
| Q4 Q | Write a short note on the chart in MS Excel. | 8 Marks |
| | | 7 Marks |

Q5 A    Explain the following formula with an example
    1. Vlookup                           8 Marks
    2. Mid
    3. Average
    4. Lookup

Q5 B    Write a step to use AutoCorrect in Microsoft MS Word.
                               OR                          7 Marks

Q5    **Write Short Notes On (Any 3)**
1    My computer.                              15 Marks
2    First generation of Computer.
3    File and folder operation.
4    super-computer.
5    Step to do Printing Document in Microsoft Ms word.