

021COM011 – F – 24 – 6315



FIRST SEMESTER B.COM. (NEP) DEGREE EXAMINATION, FEBRUARY 2024
FINANCIAL ACCOUNTING – I (DSC – I)

Time : 2 Hours]

[Max. Marks : 60

- Instructions :** 1) Answer **all** Sections according to Internal choice.
2) Use of simple calculator is **allowed**.
3) Question No. 11 is **compulsory**.

SECTION – A

1. Answer **any five** of the following :

(5×2=10)

- What is self balancing Ledger System ?
- State any two features of single entry system.
- What is short workings ?
- What is Consignment ?
- What is Account Sales ?
- What is Joint venture Account ?
- Who is Co-Venturer ?



SECTION – B

Answer **any four** of the following :

(4×5=20)

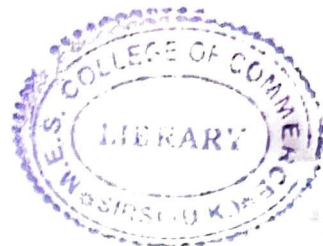
- Write any 5 difference between Joint Venture and Consignment.
- Prepare Debtors Ledger Adjustment account in General Ledger from the following information.

Opening-debtors 1-1-23	50,000
Transaction during January-2023	
Credit sales	1,80,000
Return Inward	4,000
Cash received from debtors	1,40,000

[P.T.O.]



Discount allowed	10,000
Bills receivable received	16,000
Bad debts written off	4,800
Allowance to debtors	1,200
Sundry charges debited to Debtors	1,000



4. Find out the credit purchase from the following information :

Cash paid to creditor	6,00,000
Return outwards	20,000
Bills payable accepted	2,04,000
Discount received	20,000
Bills payable dishonoured	4,000
Creditors 01-01-24	1,20,000
Creditors 31-01-24	80,000

5. X Co. took a mine on Lease from Haveri Co. Ltd. at a Royalty of Rs. 2 per tonne of Coal raised with a minimum rent of a Rs. 8,000 per year, the right to recoupment of short working was out of the royalties during the first three years.

Year	Output (Tonnes)
2019	1600
2020	2000
2021	7000
2022	12000
2023	16000

Prepare a Royalty chart.



6. Geeta stores sent 200 cycles costing Rs. 500 each to Jyothi stores to be sold at a Commission of 10% on sale. Geeta stores paid freight and insurance Rs. 3,600/- on the goods. The account sales sent by Jyothi stores showed that they sold 160 cycles at Rs. 1,000 each and paid Octroi and carriage 1,400 while taking delivery of the Goods and advertising and selling expenses incurred were Rs. 600/-.

Calculate the value of stock.

SECTION – C

Question No. 11 is **compulsory**. Answer **two** of the remaining. **Each** question carries **10** marks.

(3×10=30)

7. What are the steps to be followed while converting single entry into double entry ?
8. Miss Sangeeta provides the following information who keeps debtor ledger, creditor ledger and general ledger on self balancing system.

Debtors balance on 1-1-24 – 78,000

Creditors balance on 1-1-24 – 68,000

Transactions for the month ending 31-1-24

Credit sales	3,00,000
Credit purchases	1,87,000
Return inward	12,000
Cash received from debtors	2,25,000
Discount allowed to debtors	7,000
Cash paid to creditors	1,50,000
Discount earned from creditor	6,000
Acceptances received from debtor	50,000
Return outwards	5,000
Creditor Bills accepted	20,000
Bad debts written off	2,000



Prepare in General Ledger, Debtor Ledger Adjustment Account and Creditor Ledger Adjustment account.



9. Suresh and Ramesh agreed to carry on the business on Joint Venture to share the profit and losses in the ratio of 2:1. Suresh purchased goods worth Rs. 1,60,000 and sent them to Ramesh paying Freight Rs. 2,000, Insurance Rs. 5,000. Ramesh received the goods and spent Rs. 2,000 for rent, Rs. 2,000 for carriage and Rs. 1,500 for stores and sales expenses amounted Rs. 6,000.

After a month Ramesh sent an account sales stating that all the goods were sold for Rs. 2,20,000. He also enclosed a demand draft after deducting his Commission at 10% on sales.

Prepare the Joint venture account and Co-venture accounts in the books of Suresh.

10. Karnatak Cycle Co. consigned 200 cycles to Hubli Cycle Co. Each cycle cost Rs. 5,000. Consignor paid freight and insurance Rs. 30,000 for sending the cycles. Karnatak Cycle Co. received an advance of Rs. 2,50,000 by cheque against the consignment. Hubli Cycle Co. incurred sales and advertisement expenses of Rs. 20,000. And the Hubli Cycle Co. sold 150 cycles at Rs. 6,000 each. Hubli Cycle Co. is entitled to 5% Commission on sales.

Prepare the consignment account and Consignee's Account in the books of consignor.

11. Case study (Compulsory Question)

Gadag Co. Ltd. took a coal mine on Lease from Bellary minings at a royalty of Rs. 4/- per tonne of Coal raised with a minimum rent of ₹ 1,60,000/- per annum. Subject to the right of recoupment of short working in the next two years in the event of strike minimum rent is reduced accordingly.

Year	Output (in tonnes)
2019	20,000
2020	36,000
2021	50,000
2022 (strike for 3 months)	24,000



Prepare Royalty Payable chart and landlord account and answer the following question.

- What is the effect on strike on minimum rent ?
- How do you treat irrecoverable short working ?

021COM012 – F – 24 – 6316



FIRST SEMESTER B.COM. (NEP) DEGREE EXAMINATION,

FEBRUARY 2024

PRINCIPLES OF MARKETING (DSC – 2)

Time : 2 Hours]

[Max. Marks : 60

Instructions : 1) Answer all the three Sections.
2) Question No. 11 is compulsory.

SECTION – A

ವಿಭಾಗ – ಅ

1. Answer any 5 of the following :

(5×2=10)

ಕೆಳಗಿನ ಬೇಕಾದ ಐದಕ್ಕೆ ಉತ್ತರಿಸಿ :

a) What is marketing ?

ಮಾರಾಟ ಪ್ರಕ್ರಿಯೆ ಎಂದರೇನು ?

b) What is Niche marketing ?

ವಿಶಿಷ್ಟ ಗ್ರಾಹಕ ಮಾರಾಟ ಪ್ರಕ್ರಿಯೆ ಎಂದರೇನು ?

c) What is personal selling ?

ವೈಯಕ್ತಿಕ ಮಾರಾಟ ಎಂದರೇನು ?

d) Define pricing.

ಬೆಲೆ ನಿರ್ಧರಿಸುವಿಕೆ ವ್ಯಾಖ್ಯೆ ಬರೆಯಿರಿ.

e) What do you mean by Branding ?

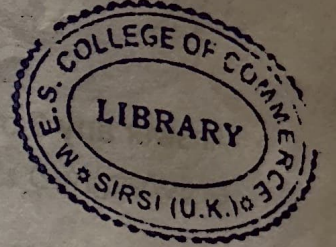
ಮುದ್ರೆ ಹಾಕುವಿಕೆ ಎಂದರೇನು ?

f) What is green marketing ?

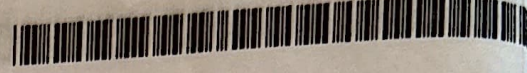
ಹಸಿರು ಮಾರಾಟ ಪ್ರಕ್ರಿಯೆ ಎಂದರೇನು ?

g) What is rural marketing ?

ಗ್ರಾಮೀಣ ಮಾರಾಟ ಪ್ರಕ್ರಿಯೆ ಎಂದರೇನು ?



[P.T.O.]



SECTION – B

ವಿಭಾಗ – ಬ

(4×5=20)

Answer any 4 of the following :

ಕೆಳಗಿನ ಬೇಕಾದ ನಾಲ್ಕಕ್ಕೆ ಉತ್ತರಿಸಿರಿ :

2. Distinguish between traditional marketing and modern marketing.
ಆಧುನಿಕ ಮತ್ತು ಸಾಂಪ್ರದಾಯಿಕ ಮಾರುಕಟ್ಟೆ ಪ್ರಕ್ರಿಯೆ ಇವುಗಳ ನಡುವಿನ ವ್ಯತ್ಯಾಸಗಳನ್ನು ಬರೆಯಿರಿ.
3. Explain the steps of consumer buying decision process.
ಗ್ರಾಹಕ ಖರೀದಿ ನಿರ್ಧಾರ ಪ್ರಕ್ರಿಯೆಯಲ್ಲಿನ ಹಂತಗಳನ್ನು ವಿವರಿಸಿರಿ.
4. What is packaging ? Explain its advantages.
ಗಂಟು ಕಟ್ಟುವಿಕೆ ಎಂದರೇನು ? ಅದರ ಅನುಕೂಲತೆಗಳನ್ನು ವಿವರಿಸಿರಿ.
5. Explain the objectives of pricing.
ಬೆಲೆ ನಿರ್ಧರಿಸುವಿಕೆಯ ಉದ್ದೇಶಗಳನ್ನು ವಿವರಿಸಿ.
6. What are the objectives of sales promotion ?
ಮಾರಾಟ ಪ್ರವರ್ತನೆಯ ಉದ್ದೇಶಗಳು ಯಾವುವು ?



SECTION – C

ವಿಭಾಗ – ಕ

(3×10=30)

Answer any 3 of the following. Q. No. 11 is compulsory.

ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಬೇಕಾದ 3ಕ್ಕೆ ಉತ್ತರಿಸಿರಿ. ಪ್ರಶ್ನೆ 11 ಕಡ್ಡಾಯವಾಗಿದೆ.

7. Explain core marketing concepts.
ಮಾರಾಟ ಪ್ರಕ್ರಿಯೆಯ ಮೂಲ/ಪ್ರಮುಖ ಪರಿಕಲ್ಪನೆಗಳನ್ನು ವಿವರಿಸಿರಿ.
8. Explain different bases of market segmentation.
ಮಾರುಕಟ್ಟೆ ವಿಭಜನೆಯ ವಿವಿಧ ಆಧಾರಗಳನ್ನು ವಿವರಿಸಿರಿ.
9. What is Product Life Cycle ? Explain its different stages.
ವಸ್ತುವಿನ ಜೀವನ ಕಾಲಚಕ್ರ ಎಂದರೇನು ? ಅದರ ವಿವಿಧ ಹಂತಗಳನ್ನು ವಿವರಿಸಿರಿ.
10. Explain different types of distribution channels.
ವಿವಿಧ ಪ್ರಕಾರದ ವಿತರಣಾ ಮಾರ್ಗಗಳನ್ನು ವಿವರಿಸಿರಿ.



11. Case study (Compulsory).

ಪ್ರಕರಣ ಅಧ್ಯಯನ (ಕಡ್ಡಾಯ).

Assume that you have developed a motor bike which is more fuel efficient with multiple features than existing rival product in the market.

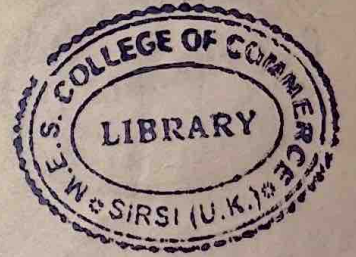
1) How do you differentiate your product from other rival products ?

2) What methods would you adopt to promote the sales ?

ಸದ್ಯ ಮಾರುಕಟ್ಟೆಯಲ್ಲಿ ಲಭ್ಯವಿರುವ ಇತರ ಮೋಟರ್ ಬೈಕುಗಳಿಗಿಂತ, ಹೆಚ್ಚಿನ ಇಂಧನ ಸಾಮರ್ಥ್ಯದ ಹಾಗೂ ಇತರ ಹಲವು ಅಂಶಗಳನ್ನು ಒಳಗೊಂಡಿರುವ ಮೋಟರ್ ಬೈಕನ್ನು ನೀವು ವಿವರಿಸುವಿರಿ ಎಂದು ಊಹಿಸಿ.

1) ನಿಮ್ಮ ವಸ್ತುವನ್ನು ಇತರರಿಗಿಂತ ಭಿನ್ನವೆಂದು ಹೇಗೆ ಸಿದ್ಧಪಡಿಸುವಿರಿ ?

2) ಮಾರಾಟವನ್ನು ಉತ್ತೇಜಿಸಲು ನೀವು ಯಾವ ಕ್ರಮ ಕೈಗೊಳ್ಳುವಿರಿ ?



021COM013 – F – 24 – 6317



FIRST SEMESTER B.COM. (NEP) DEGREE EXAMINATION, FEBRUARY 2024
STOCK MARKET OPERATIONS (DSC 3)

Time : 2 Hours]

[Max. Marks : 60

- Instructions :** 1) Answer *all* questions subject to choice.
2) Question 11 (case study) is **compulsory**.

SECTION – A

Answer **any 5** of the following questions. **Each** question carries 2 marks. (5×2=10)

1. a) What is financial market ?
- b) What is organized market ?
- c) Give two objectives of listing.
- d) Mention the methods of trading.
- e) What is stock market index ?
- f) What is stock market risk ?
- g) Expand IPO and SBTS.



SECTION – B

Answer **any 4** of the following questions. **Each** question carries 5 marks. (4×5=20)

2. Explain the types of money market.
3. Write a note on NSE.
4. Explain the features of rolling settlement.
5. Explain the purpose and consideration in developing index.
6. Rakshit company offers to the existing equity shareholders the right to buy 2 equity shares of Rs. 100 each at Rs. 140 per share for every 6 shares of Rs. 100 each and the market value of 1 share is Rs. 200.

Calculate the value of right per share.

[P.T.O.]



SECTION – C

Answer **any three** of the following questions. **Each** question carries **10** marks.

Question No. 11 is **compulsory** (case study).

(3×10=30)

7. What is stock exchange ? Explain its functions.
8. Explain the merits and demerits of listing of securities.
9. Explain the different types of stock market index.
10. Following information is given :

Company	No. of shares	MPS Dec. 1 (Rs.)	MPS Dec. 2 (Rs.)	MPS Dec. 3 (Rs.)
W	500	25	22	26
X	300	40	35	35
Y	200	50	65	60
Z	250	55	45	60

Calculate market value weighted index and index point

11. Case study (**compulsory**) :

The Securities and Exchange Board of India (SEBI) is a statutory body and market regulatory which controls the securities market in India. In the light of this answer the following :

- a) Explain the organization and objectives of SEBI.
- b) Explain the functions of SEBI.

ಕನ್ನಡ ಆವೃತ್ತಿ

ವಿಭಾಗ - ಅ



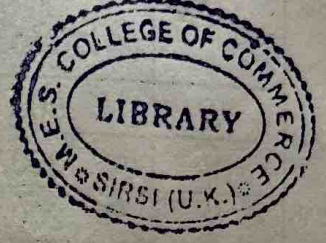
ಈ ಕೆಳಗಿನ ಬೇಕಾದ ಐದು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿ. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ 2 ಅಂಕಗಳು.

(5×2=10)

1. a) ಹಣಕಾಸಿನ ಮಾರುಕಟ್ಟೆ ಎಂದರೇನು ?
- b) ಸಂಘಟಿತ ಮಾರುಕಟ್ಟೆ ಎಂದರೇನು ?
- c) ಯಾದೀಕರಣದ ಎರಡು ಉದ್ದೇಶಗಳನ್ನು ಬರೆಯಿರಿ.



- d) ಶೇರು ಮಾರುಕಟ್ಟೆಯಲ್ಲಿನ ವ್ಯಾಪಾರದ ವಿಧಾನಗಳನ್ನು ತಿಳಿಸಿರಿ.
- e) ಶೇರು ಮಾರುಕಟ್ಟೆ ಸೂಚ್ಯಂಕ ಎಂದರೇನು ?
- f) ಶೇರು ಮಾರುಕಟ್ಟೆ ಅಪಾಯ ಎಂದರೇನು ?
- g) IPO ಮತ್ತು SBTS ವಿಸ್ತರಿಸಿರಿ.



ವಿಭಾಗ - ಬಿ

ಕೆಳಗಿನ ಯಾವುದೇ ನಾಲ್ಕು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ 5 ಅಂಕಗಳು.

(4×5=20)

2. ಹಣದ ಮಾರುಕಟ್ಟೆಯ ಪ್ರಕಾರಗಳನ್ನು ವಿವರಿಸಿರಿ.
3. NSE ಕುರಿತು ಟಿಪ್ಪಣಿ ಬರೆಯಿರಿ.
4. ರೋಲಿಂಗ್ ವಸಾಹತು ಲಕ್ಷಣಗಳನ್ನು ವಿವರಿಸಿರಿ.
5. ಸೂಚ್ಯಂಕದಲ್ಲಿನ ಉದ್ದೇಶ ಮತ್ತು ಪರಿಗಣನೆಯನ್ನು ವಿವರಿಸಿರಿ.
6. ರಕ್ಷಿತ್ ಕಂಪನಿಯು ಅಸ್ತಿತ್ವದಲ್ಲಿರುವ ಸಾಮಾನ್ಯ ಶೇರುದಾರರಿಗೆ, ಶೇರುಗಳನ್ನು ಖರೀದಿಸುವ ಹಕ್ಕನ್ನು ನೀಡುತ್ತದೆ. ಪ್ರತಿ ರೂಪಾಯಿ 100 ಗಳ 6 ಶೇರುಗಳಿಗೆ ಪ್ರತಿ ಶೇರಿಗೆ ರೂ. 140 ರಂತೆ, ರೂಪಾಯಿ 100 ಮೌಲ್ಯದ 2 ಶೇರುಗಳನ್ನು ಖರೀದಿಸುವ ಹಕ್ಕನ್ನು ನೀಡುತ್ತದೆ ಮತ್ತು ಒಂದು ಶೇರಿಗೆ ಮಾರುಕಟ್ಟೆ ಮೌಲ್ಯ ರೂಪಾಯಿ 200.

ಪ್ರತಿ ಶೇರಿನ ಹಕ್ಕಿನ ಮೌಲ್ಯವನ್ನು ಕಂಡುಹಿಡಿಯಿರಿ.

ವಿಭಾಗ - ಕ

ಕೆಳಗಿನ ಯಾವುದೇ ಮೂರು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ 10 ಅಂಕಗಳು. ಪ್ರಶ್ನೆ 11 ನ್ನು ಕಡ್ಡಾಯವಾಗಿ ಉತ್ತರಿಸಬೇಕು (ಪ್ರಕರಣ ಅಧ್ಯಯನ).

(3×10=30)

7. ಶೇರು ಮಾರುಕಟ್ಟೆ ಎಂದರೇನು ? ಅದರ ಕಾರ್ಯಗಳನ್ನು ವಿವರಿಸಿರಿ.
8. ಸೆಕ್ಯೂರಿಟಿಗಳ ಪಟ್ಟಿಯ ಅನುಕೂಲತೆ ಮತ್ತು ಅನಾನುಕೂಲತೆಗಳನ್ನು ವಿವರಿಸಿರಿ.
9. ಶೇರು ಮಾರುಕಟ್ಟೆ ಸೂಚ್ಯಂಕದ ವಿವಿಧ ಪ್ರಕಾರಗಳನ್ನು ವಿವರಿಸಿರಿ.



10. ಈ ಕೆಳಗಿನ ಮಾಹಿತಿಯಿಂದ :

ಕಂಪನಿ	ಶೇರುಗಳ ಸಂಖ್ಯೆ	MPS ಡಿಸೆಂಬರ್ 1 (Rs.)	MPS ಡಿಸೆಂಬರ್ 2 (Rs.)	MPS ಡಿಸೆಂಬರ್ 3 (Rs.)
W	500	25	22	26
X	300	40	35	35
Y	200	50	65	60
Z	250	55	45	60

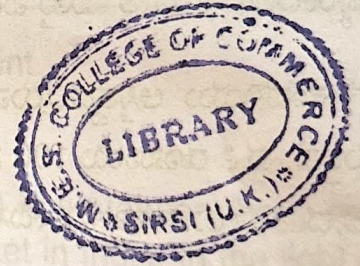
ಮಾರುಕಟ್ಟೆ ಮೌಲ್ಯ ತೂಕದ ಸೂಚ್ಯಂಕ ಮತ್ತು ಸೂಚ್ಯಂಕ ಬಿಂದುಗಳನ್ನು ಕಂಡುಹಿಡಿಯಿರಿ.

11. ಪ್ರಕರಣ ಅಧ್ಯಯನ (ಕಡ್ಡಾಯ ಪ್ರಶ್ನೆ) :

ಭಾರತೀಯ ಶೇರು ವಿನಿಮಯ ಕೇಂದ್ರ (SEBI) ಒಂದು ಶಾಸನಬದ್ಧ ಸಂಸ್ಥೆ ಹಾಗೂ ಮಾರುಕಟ್ಟೆ ನಿಯಂತ್ರಕವಾಗಿದ್ದು ಇದು ಭಾರತದಲ್ಲಿ ಮಾರುಕಟ್ಟೆ ಭದ್ರತೆಗಳನ್ನು ನಿಯಂತ್ರಿಸುತ್ತದೆ. ಈ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಈ ಕೆಳಗಿನವುಗಳಿಗೆ ಉತ್ತರಿಸಿ :

a) SEBI ಯ ಸಂಘಟನೆ ಮತ್ತು ಉದ್ದೇಶಗಳನ್ನು ವಿವರಿಸಿರಿ.

b) SEBIಯ ಕಾರ್ಯಗಳನ್ನು ವಿವರಿಸಿರಿ.



011ECO051 – F – 24 – 6252



FIRST SEMESTER B.A. (NEP) DEGREE EXAMINATION, FEBRUARY 2024
ECONOMICS (OEC)
Contemporary Indian Economy

Time : 2 Hours]

[Max. Marks : 60

Instructions : Attempt **all three** Sections. Section – ‘A’ should be answers continuously. Provide relevant data **wherever** necessary.

ಸೂಚನೆಗಳು : ಎಲ್ಲಾ ಮೂರು ವಿಭಾಗಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ. ವಿಭಾಗ – ‘ಅ’ ದ ಪ್ರಶ್ನೆಗಳಿಗೆ ಒಂದೇ ಕಡೆ ಉತ್ತರಿಸಿರಿ. ಅವಶ್ಯವಿದ್ದಲ್ಲಿ ಸೂಕ್ತ ಅಂಕಿ-ಅಂಶಗಳನ್ನು ನೀಡಿರಿ.

SECTION – A

ವಿಭಾಗ – ಅ

Answer **any five** of the following questions in **2-3** sentences. **Each** question carries **two** marks :

ಕೆಳಗಿನ ಬೇಕಾದ ಐದು ಪ್ರಶ್ನೆಗಳಿಗೆ **2-3** ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿರಿ. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ **2** ಅಂಕಗಳು :

(5×2=10)

1. Define per capita income.
ತಲಾ ಆದಾಯವನ್ನು ಅರ್ಥೈಸಿರಿ.
2. Expand MNC's.
MNC ಯನ್ನು ವಿಸ್ತರಿಸಿ ಬರೆಯಿರಿ.
3. What is labour force ?
ಕಾರ್ಮಿಕ ಪಡೆ ಎಂದರೇನು ?
4. What is poverty ?
ಬಡತನ ಎಂದರೇನು ?
5. Define cost push inflation.
ವೆಚ್ಚ ತಳ್ಳಿದ ಅತಿಪ್ರಸರಣವನ್ನು ಅರ್ಥೈಸಿರಿ.
6. State the meaning of foreign trade.
ವಿದೇಶಿ ವ್ಯಾಪಾರದ ಅರ್ಥವನ್ನು ಹೇಳಿರಿ.



[P.T.O.]



SECTION – B

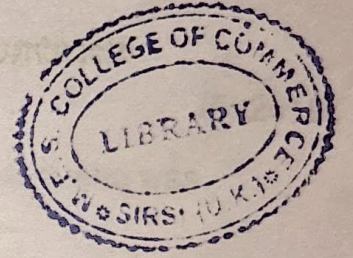
ವಿಭಾಗ – ಬ

Answer **any four** questions. **Each** question carries **5** marks :

ಕೆಳಗಿನ ಬೇಕಾದ ನಾಲ್ಕು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ 5 ಅಂಕಗಳು :

(4×5=20)

7. Write a note on Human Development Index.
ಮಾನವ ಅಭಿವೃದ್ಧಿ ಸೂಚ್ಯಂಕವನ್ನು ಕುರಿತು ಟಿಪ್ಪಣಿ ಬರೆಯಿರಿ.
8. Explain the importance of Foreign Direct Investment in India.
ಭಾರತದಲ್ಲಿ ವಿದೇಶಿ ನೇರ ಬಂಡವಾಳ ಹೂಡಿಕೆಯ ಮಹತ್ವವನ್ನು ವಿವರಿಸಿರಿ.
9. Explain the concept of 'Make in India'.
'ಭಾರತದಲ್ಲಿ ಉತ್ಪಾದಿಸು' ಪರಿಕಲ್ಪನೆಯನ್ನು ವಿವರಿಸಿ.
10. Discuss effects of poverty in India.
ಭಾರತದಲ್ಲಿ ಬಡತನದ ಪರಿಣಾಮಗಳನ್ನು ಚರ್ಚಿಸಿರಿ.
11. Explain the types of inflation.
ಅತಿಪ್ರಸರಣದ ಪ್ರಕಾರಗಳನ್ನು ವಿವರಿಸಿರಿ.



SECTION – C

ವಿಭಾಗ – ಕ

Answer **any three** of the following questions. **Each** question carries **10** marks :

ಕೆಳಗಿನ ಬೇಕಾದ ಮೂರು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ ಹತ್ತು ಅಂಕಗಳು :

(3×10=30)

12. Explain the causes for slow growth of Indian Economy.
ಭಾರತದ ಆರ್ಥಿಕತೆಯ ಮಂದಗತಿಯ ಬೆಳವಣಿಗೆಗೆ ಕಾರಣಗಳನ್ನು ವಿವರಿಸಿರಿ.
13. What is unemployment ? Explain the types of unemployment.
ನಿರುದ್ಯೋಗ ಎಂದರೇನು ? ನಿರುದ್ಯೋಗದ ವಿವಿಧ ಪ್ರಕಾರಗಳನ್ನು ವಿವರಿಸಿರಿ.
14. Explain the measures taken to eradicate poverty in India.
ಭಾರತದಲ್ಲಿ ಬಡತನ ನಿವಾರಣೆಗೆ ಕೈಗೊಂಡ ಕ್ರಮಗಳನ್ನು ವಿವರಿಸಿರಿ.
15. Explain the composition of Foreign Trade of India.
ಭಾರತದ ವಿದೇಶಿ ವ್ಯಾಪಾರದ ಸಂಯೋಜನೆಯನ್ನು ವಿವರಿಸಿರಿ.

021ENG041 – F – 24 – 6308



**FIRST SEMESTER B.COM./B.B.A./B.COM. (CS) (NEP) DEGREE
EXAMINATION, FEBRUARY 2024**

ENGLISH (AECC)

Generic English – 1

Text : Life and Learning



Time : 2 Hours]

[Max. Marks : 60

PART – A

I. Answer any five questions. Each question carries 2 marks : (5×2=10)

- 1) At which station was the girl getting down from the train and who was about to receive her there ?
- 2) Name the little girl in the story 'Kabuliwallah' and what was her father ?
- 3) Who is the author of the essay from 'Decolonising the Mind' ? What language did he speak in and outside the home ?
- 4) Who is the speaker and the subject of the poem 'Sonnet 130' ?
- 5) What grows in the poet's and the neighbour's farm as mentioned by the poet in 'Mending Wall' ?
- 6) Give reason for Miss Pushpa's popularity.

PART – B

II. Answer any four questions. Each question carries 5 marks : (4×5=20)

- 7) She was silent, and I wondered if my words had touched her, or whether she thought me a romantic fool. Then I made a mistake. – Write reference to context for the statement.
- 8) And yet, by heaven, I think my love as rare As any she belied with false compare. – Write reference to context.

[P.T.O.]



9) Fill in the blanks with appropriate articles :

- a) This is _____ best novel I have ever read.
- b) His brother is _____ University Professor.
- c) It was _____ exciting match.
- d) _____ Ramayana is great epic.
- e) Mr. John is _____ honourable person.

10) Fill in the blanks with appropriate prepositions :

- a) The culprit was brought _____ the court.
- b) The old man walked _____ the road.
- c) I can speak English _____ Kannada and Hindi.
- d) Raju has prepared _____ class test.
- e) The farmer is relaxing _____ the tree.

11) Fill in the blanks with appropriate verb forms given in the brackets :

- a) I have _____ (speak) to the higher authorities.
- b) You have to do as you are _____ (instruct).
- c) _____ (smoke) is injurious to health.
- d) Radha is not _____ (interest) in your business.
- e) Seema _____ (to have) done her work.



PART – C

III. Answer **any three** questions. **Each** question carries **10** marks : (3×10=30)

- 12) What is the significance of the title 'Decolonising the Mind' ?
- 13) Trace the development of thought in the poem 'Sonnet 130'.
- 14) What qualities of Miss Pushpa T.S. are evident from the speaker's address ?
- 15) a) Write Synonyms for the following words :
Brave, Delay, Faith, Infinite, Triumph.
- b) Write antonyms for the following words :
Conquer, Foolish, Increase, Pleasure, Sweet.

021KAN041 – F – 24 – 6309



FIRST SEMESTER B.COM./B.B.A./B.COM. (CS) (NEP) DEGREE

EXAMINATION, FEBRUARY 2024

KANNADA (A.E.C.C.)

ಕನ್ನಡ ಭಾಷಾ ಪಠ್ಯ - ಮಲಪ್ರಭಾ - I

Time : 2 Hours]

[Max. Marks : 60

ಸೂಚನೆ : ಭಾಷೆ ಮತ್ತು ಬರಹದ ಶುದ್ಧಿಗೆ ಗಮನ ಕೊಡಲಾಗುವುದು.

ಭಾಗ - ಅ



(5×2=10)

ಬೇಕಾದ ಐದಕ್ಕೆ ಉತ್ತರಿಸಿರಿ.

1. ಹುಯಿಲಗೋಳ ನಾರಾಯಣರಾವ್‌ರವರು ಯಾವ ವೃತ್ತಿಯನ್ನು ಮಾಡುತ್ತಿದ್ದರು ? ಅವರ ಜನ್ಮಸ್ಥಳ ಯಾವುದು ?
2. 'ಉದಯವಾಗಲಿ ನಮ್ಮ ಚೆಲುವ ಕನ್ನಡನಾಡು' ಪದ್ಯದಲ್ಲಿ ಹೆಸರಿಸಿರುವ ನದಿಗಳ ಹೆಸರನ್ನು ಪಟ್ಟಿಮಾಡಿ.
3. 'ಬಾರಿಸು ಕನ್ನಡ ಡಿಂಡಿಮ' ಪದ್ಯ ಬರೆದವರು ಯಾರು ? ಯಾವ ಜಿಲ್ಲೆಯವರು ?
4. ಬೇಂದ್ರೆಯವರ ಕಾವ್ಯನಾಮವೇನು ? ಅವರ ಯಾವ ಕೃತಿಗೆ ಜ್ಞಾನಪೀಠ ಪ್ರಶಸ್ತಿ ಬಂದಿದೆ ?
5. ಕಡಲತೀರದ ಭಾರ್ಗವ ಎಂದು ಪ್ರಸಿದ್ಧರಾದವರು ಯಾರು ? ಯಾವ ಊರು ?
6. ವಸು ಮಳಲಿಯವರ ಲೇಖನದಲ್ಲಿ ಕಂಡುಬರುವ ಋಗ್ವೇದ ಕಾಲದ ಮಹಿಳೆಯರ ಹೆಸರನ್ನು ತಿಳಿಸಿ.

ಭಾಗ - ಬ

ಬೇಕಾದ ನಾಲ್ಕಕ್ಕೆ ಉತ್ತರಿಸಿರಿ.

(4×5=20)

7. ಉದಯವಾಗಲಿ ನಮ್ಮ ಚೆಲುವ ಕನ್ನಡ ನಾಡು.
8. 'ನಮ್ಮ ಸಂಸ್ಕೃತಿ ಹೆಮ್ಮೆ ಸಾಲದು' ಲೇಖನದಲ್ಲಿ ಸಂಸ್ಕೃತಿಯ ಬಗ್ಗೆ ಶಿವರಾಮ ಕಾರಂತರ ನಿಲುವೇನು ?
9. 'ನಿತ್ಯೋತ್ಸವ' - ಕವಿತೆಯ ಸ್ವಾರಸ್ಯ.
10. ಭಾರತೀಯ ಮಹಿಳೆಯರ ಸ್ಥಾನಮಾನ ಕುರಿತು ಬರೆಯಿರಿ.
11. ಬಹುರಾಷ್ಟ್ರೀಯ ಕಂಪನಿಗಳ ಸಾಮಾಜಿಕ ನ್ಯಾಯ ಕುರಿತು ಬರೆಯಿರಿ.

[P.T.O.]

021KAN041 - F - 24 - 6309

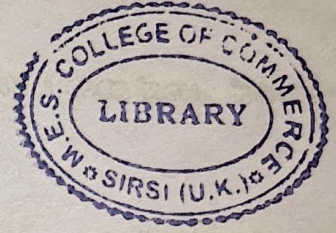
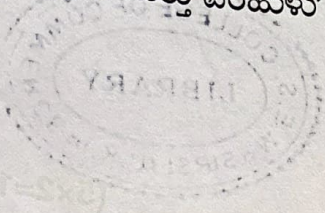


ಭಾಗ - ಕ

ಬೇಕಾದ ಮೂರಕ್ಕೆ ಉತ್ತರಿಸಿರಿ.

(3x10=30)

12. 'ಸಂಸ್ಕೃತಿ ಸೌರಭ' ಲೇಖನದಲ್ಲಿ ವ್ಯಕ್ತವಾಗಿರುವ ಕನ್ನಡಿಗರ ಸಂಸ್ಕೃತಿಯನ್ನು ವಿವರಿಸಿ.
13. 'ಕನ್ನಡ ಮನಸ್ಸು' ಲೇಖನದಲ್ಲಿ ವ್ಯಕ್ತವಾಗಿರುವ ಕವಿಯ ಮನಸ್ಸಿತಿಯನ್ನು ವಿವರಿಸಿ.
14. ಮಹಿಳೆಯರ ಅಭಿವೃದ್ಧಿ ಕುರಿತಂತೆ ಲೇಖಕರ ಚಿಂತನೆಗಳೇನು ?
15. 'ಗಿಡುಗ ಮತ್ತು ಎರೆಹುಳು' ಕವಿತೆಯ ವೈಶಿಷ್ಟ್ಯ ವಿವರಿಸಿ.



031CSC051 – F – 24 – 6351

FIRST SEMESTER B.SC. (NEP) DEGREE EXAMINATION, FEBRUARY 2024
COMPUTER SCIENCE

(OEC – I) – Fundamentals of Computer Concepts

Time : 2 Hours]

[Max. Marks : 60

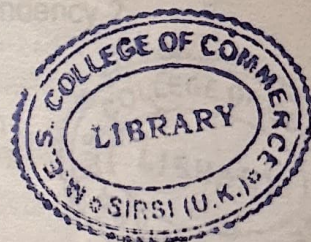
Instruction : Answer *all* Sections based on *internal* choice.

SECTION – A

Answer **any 5** questions. **Each** question carries 2 marks.

(5×2=10)

1. Define computer. List the components of the computer.
2. What is an output device ? Name any two output devices.
3. What is software ? State its types.
4. Write any 4 shortcut keys used in word processor.
5. Define workbook and worksheet in MS-Excel.
6. List the components of the PowerPoint window.



SECTION – B

Answer **any 4** questions. **Each** question carries 5 marks.

(4×5=20)

7. Explain the characteristics of a computer.
8. Explain the applications of computers.
9. Describe the features of word processors.
10. Explain the steps to use charts in MS-Excel.
11. Explain the steps to apply slide transition.

031CSC051 - F - 24 - 6351



SECTION - C

Answer any 3 questions. Each question carries 10 marks.

(3×10=30)

12. Draw the block diagram of computer and explain.
13. Draw the neat labeled diagram of MS-Excel and explain its parts.
14. Explain the steps to create a presentation with a neat diagram.
15. Explain the components of MS-Word with a neat diagram.



031STA051 – F – 24 – 6333

FIRST SEMESTER B.A./B.SC. (NEP) DEGREE EXAMINATION, FEBRUARY 2024

STATISTICS

Statistical Methods (OEC)

Time : 2 Hours]

[Max. Marks : 60

Instructions : 1) *Mathematical and Statistical tables will be supplied on request.*

2) *Use of simple/scientific calculator is permitted.*

PART – A

I. Answer **any five** questions. **Each** question carries **2** marks.

- 1) What are non-sampling errors ?
- 2) When the geometric mean is suitable measure of central tendency ?
- 3) Define sample space. Give an example.
- 4) Find the value of k in the following probability mass function :

X :	0	1	2	3
P(X=x) :	1/8	3/8	k	1/8

5) What is the distribution of sample mean when the sample is drawn from normal population with mean and variance σ^2 ?

6) What is meant by composite hypothesis ? Give an example. **(5×2=10)**

PART – B

II. Answer **any four** questions. **Each** question carries **5** marks.

7) Calculate the standard deviation for the following distribution giving 300 telephone calls according to their duration in seconds.

Duration (in seconds)	0-30	30-60	60-90	90-120	120-150	150-180	180-210
Number of calls	9	17	43	82	81	44	24

[P.T.O.]



8) Calculate Karl Pearson's coefficient of correlation for the following data.

X	78	36	98	25	75	82	90	62	65	39
Y	84	51	91	60	68	62	86	58	53	47

9) From 5 tickets numbered from 1 to 5, two tickets are drawn at random. Find the probability that

- Sum of the numbers on the tickets drawn is multiple of 5.
- The numbers on the tickets drawn are even numbers.
- Sum of the numbers on the tickets drawn is greater than or equal to 5.

10) a) Define binomial distribution.

b) The average number of misprints per page of a book is 1.5. What is the probability that a particular page is free from misprints? If the book contains 800 pages, how many of these contain more than 1 misprints? (Given $e^{-1.5} = 0.22$)

11) The means of two large samples of sizes 800 and 1600 are 74.5 and 75.0 respectively. Test the equality of means of the two populations each with s.d. 2.4 at 5% level of significance. (4×5=20)

PART – C

III. Answer **any three** questions. **Each** question carries **10** marks.

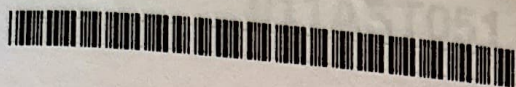
12) Draw the histogram of the following frequency distribution which gives the heights of 200 students.

Heights (cm)	120-125	125-130	130-135	135-140
Number of Students	10	22	28	35

Heights (cm)	140-145	145-150	150-155	155-160
Number of Students	38	32	28	7

- Locate the mode graphically
- Compute mean and median.





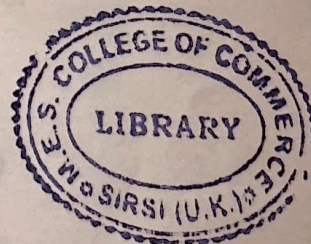
- 13) a) Obtain the regression equation Y on X from the following data and estimate the blood pressure when the age is 43 years.

Age in Years (X)	56	42	72	36	63	47	55	49
Blood Pressure (Y)	147	125	160	118	149	128	150	145

- b) What is the probability that non-leap year selected at random will contain 53 Sundays ?
- 14) Two dice are rolled. Let X denote the random variable which counts the total number of points on the upturned faces. Construct a table giving non-zero values of the probability mass function and hence obtain $E(X)$ and $Var(X)$.
- 15) a) Write down the properties of normal distribution.
- b) The following table presents data on the values of a harvested crop stored in the open and inside a godown :

	Sample size	Mean	$\sum(x_i - \bar{x})^2$
Outside	40	117	8,685
Inside	100	132	27,315

Assuming that the two samples are random and they have been drawn from normal population with equal variance, examine if the mean value of the harvested crop is affected by weather conditions. (3×10=30)



011AST051 – F – 24 – 6298



FIRST SEMESTER B.A. (NEP) DEGREE EXAMINATION, FEBRUARY 2024

APPLIED STATISTICS

Statistics in Competitive Examinations (OEC)

Time : 2 Hours]

[Max. Marks : 60

Instructions : 1) Use of Simple Calculator is allowed.

ಸೂಚನೆಗಳು : ಸರಳ ಗಣಕಯಂತ್ರದ ಬಳಕೆಯನ್ನು ಮಾನ್ಯ ಮಾಡಲಾಗಿದೆ.

2) Statistical tables/graphs will be supplied on request.

ಸಾಂಖ್ಯಿಕ ಸರಣಿ/ರೇಖಾಚಿತ್ರ ಹಾಳೆಗಳನ್ನು ಕೋರಿಕೆಯ ಮೇರೆಗೆ
ಕೊಡಲಾಗುವುದು.

SECTION – A

ವಿಭಾಗ - ಅ



I. Answer any five of the following :

(5×2=10)

ಕೆಳಗಿನ ಯಾವುದಾದರೂ ಐದನ್ನು ಉತ್ತರಿಸಿರಿ :

1) Name the different methods of sampling.

ನಿದರ್ಶಕೀಯದ ವಿವಿಧ ವಿಧಾನಗಳನ್ನು ಹೆಸರಿಸಿರಿ.

2) If mean is 50, median is 60, then find mode.

ಸರಾಸರಿ = 50, ಮಧ್ಯಾಂಕ = 60 ಇದ್ದಾಗ, ಬಹುಲಕವನ್ನು ಕಂಡುಹಿಡಿಯಿರಿ.

3) Divide ₹ 1800 in the ratio 1:2.

₹ 1800ನ್ನು 1:2 ಅನುಪಾತದಲ್ಲಿ ಭಾಗಿಸಿರಿ.

4) What is the relation of Savita with her husband's sister ?

ಸವಿತಾ ಮತ್ತು ಅವಳ ಗಂಡನ ಸಹೋದರಿಯ ಸಂಬಂಧವೇನು ?

5) Define Probability.

ಸಂಭವನೀಯತೆಯನ್ನು ವ್ಯಾಖ್ಯಾನಿಸಿರಿ.

6) If $P(A) = 0.5$; $P(B) = 0.8$; $P(A \cap B) = 0.4$, find $P(A \cup B)$.

$P(A) = 0.5$; $P(B) = 0.8$; $P(A \cap B) = 0.4$, ಆದರೆ $P(A \cup B)$ ನ್ನು ಕಂಡುಹಿಡಿಯಿರಿ.

[P.T.O.]



SECTION - B

ವಿಭಾಗ - ಬ

(4×5=20)

II. Answer any four of the following :

ಕೆಳಗಿನ ಯಾವುದಾದರೂ ನಾಲ್ಕನ್ನು ಉತ್ತರಿಸಿರಿ :

7) Calculate Arithmetic mean for the following data.

ಕೆಳಗಿನ ನ್ಯಾಸಕ್ಕೆ ಅಂಕಗಣಿತ ಸರಾಸರಿ ಕಂಡುಹಿಡಿಯಿರಿ.

CI	0 - 10	10 - 20	20 - 30	30 - 40	40 - 50
f	8	12	15	10	5

8) Represent the following data by Histogram.

ಕೆಳಗಿನ ನ್ಯಾಸಕ್ಕೆ ಸ್ತಂಭಾಲೇಖವನ್ನು ರಚಿಸಿರಿ.

Marks (ಅಂಕಗಳು)	0 - 10	10 - 20	20 - 30	30 - 40	40 - 50
No. of Students (ವಿದ್ಯಾರ್ಥಿಗಳ ಸಂಖ್ಯೆ)	10	20	25	15	5

9) In a certain code language, if CYLINDER is written as DZMJOEFS, then how to write WATER ?

ಒಂದು ಸಾಂಕೇತಿಕ ಭಾಷೆಯಲ್ಲಿ CYLINDERನ್ನು DZMJOEFS ಎಂದು ಬರೆದರೆ, WATERನ್ನು ಹೇಗೆ ಬರೆಯಬೇಕು ?

10) Simplify using BODMAS rule.

BODMAS ನಿಯಮ ಉಪಯೋಗಿಸಿ ಬಿಡಿಸಿರಿ.

$$56 \times (3+2) \div 5 - 20 \times 2.$$

11) Two dice are rolled, find the probability of getting

i) both sixes

ii) sum of both the dice is 7

iii) sum of both the dice is 5.

ಎರಡು ದಾಳಗಳನ್ನು ಉರುಳಿಸಿದಾಗ,

i) ಎರಡೂ ದಾಳಗಳು ಮೇಲ್ಮುಖ ಆರು ಬರುವ

ii) ಎರಡೂ ದಾಳಗಳ ಮೇಲ್ಮುಖಗಳ ಮೊತ್ತ 7 ಬರುವ

iii) ಎರಡೂ ದಾಳಗಳ ಮೇಲ್ಮುಖಗಳ ಮೊತ್ತ 5 ಬರುವ ಸಂಭವನೀಯತೆಯನ್ನು ಕಂಡುಹಿಡಿಯಿರಿ.



SECTION - C

ವಿಭಾಗ - ಕ

III. Answer any three of the following :

ಕೆಳಗಿನ ಯಾವುದಾದರೂ ಮೂರಕ್ಕೆ ಉತ್ತರಿಸಿರಿ :

(3×10=30)

12) Calculate mean deviation about mean for the following data.

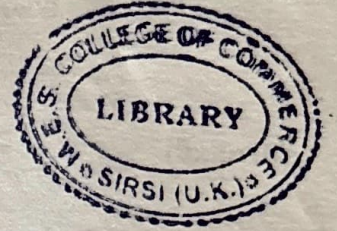
ಈ ಕೆಳಗಿನ ನ್ಯಾಸಕ್ಕೆ ಸರಾಸರಿಯಿಂದ ಸರಾಸರಿ ವಿಚಲನೆಯನ್ನು ಕಂಡುಹಿಡಿಯಿರಿ.

X	10	20	30	40
f	4	3	2	1

13) Calculate standard deviation for the following data.

ಈ ಕೆಳಗಿನ ನ್ಯಾಸಕ್ಕೆ ಮಾನಕ ವಿಚಲನೆಯನ್ನು ಕಂಡುಹಿಡಿಯಿರಿ.

CI	0 - 20	20 - 40	40 - 60	60 - 80	80 - 100
f	6	14	15	10	5



14) A person borrows two equal sums of money at the same time. One at 5% and the other at 7% p.a. simple interest. At the end of 5 years the difference between the interest on the two sums is ₹ 500/- . Find the total amount borrowed by him.

ಒಬ್ಬ ವ್ಯಕ್ತಿಯು ಎರಡು ಸಮನಾದ ಅಸಲುಗಳನ್ನು ಏಕಕಾಲಕ್ಕೆ ಸಾಲ ತೆಗೆದುಕೊಳ್ಳುತ್ತಾನೆ. ಸರಳಬಡ್ಡಿಯಂತೆ ವಾರ್ಷಿಕ ಬಡ್ಡಿದರ ಮೊದಲನೆಯದಕ್ಕೆ 5% ಮತ್ತು ಎರಡನೆಯದಕ್ಕೆ 7% ಇರುತ್ತದೆ. 5 ವರ್ಷಗಳ ನಂತರ ಎರಡೂ ಅಸಲಿನ ಬಡ್ಡಿಯ ವ್ಯತ್ಯಾಸವು ₹ 500/- ಆದರೆ, ಅವನು ತೆಗೆದುಕೊಂಡ ಅಸಲನ್ನು ಕಂಡುಹಿಡಿಯಿರಿ.

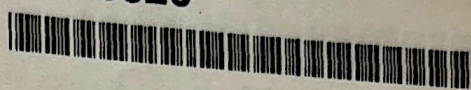
15) A box has 5 red, 3 green and 2 blue balls. One ball is drawn at random. Find the probability of getting

- i) red ball
- ii) red or green ball
- iii) green or blue ball.

ಒಂದು ಪೆಟ್ಟಿಗೆಯಲ್ಲಿ 5 ಕೆಂಪು, 3 ಹಸಿರು ಮತ್ತು 2 ನೀಲಿ ಚೆಂಡುಗಳಿವೆ. ಯಾದೃಚ್ಛಿಕವಾಗಿ ಒಂದು ಚೆಂಡನ್ನು ಪೆಟ್ಟಿಗೆಯಿಂದ ತೆಗೆಯಲಾಗುತ್ತದೆ. ಹಾಗಾದರೆ ಆ ಚೆಂಡು

- i) ಕೆಂಪು
- ii) ಕೆಂಪು ಅಥವಾ ಹಸಿರು
- iii) ಹಸಿರು ಅಥವಾ ನೀಲಿ ಇರುವ ಸಂಭವನೀಯತೆಯನ್ನು ಕಂಡುಹಿಡಿಯಿರಿ.

021COM061 – F – 24 – 6320



FIRST SEMESTER B.COM. (NEP) DEGREE EXAMINATION, FEBRUARY 2024
COMPUTERISED ACCOUNTING (SEC – 1)
(Skill Enhancement Course)

Time : 1 Hour]

[Max. Marks : 30

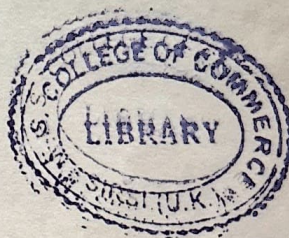
Instruction : Attempt the questions according to **Internal** choice.

SECTION – A

Answer **any five** of the following. **Each** question carries 2 marks.

(5×2=10)

1. What is computerised accounting ?
2. Write any 2 objectives of Computerised Accounting.
3. Name any 2 accounting packages.
4. Write 2 advantages of computerised accounting.
5. What is voucher ?
6. What do you mean by data security ?



SECTION – B

Answer **any two** of the following. **Each** question carries 5 marks.

(2×5=10)

7. Distinguish between manual accounting and computerised accounting.
8. Explain the steps to create groups in Tally.
9. Explain the steps to create a ledger in Tally.

SECTION – C

Answer **any one** of the following. It carries **ten** marks.

(1×10=10)

10. Explain the components of Gateway of Tally.
11. Explain the steps to create a company in Tally.

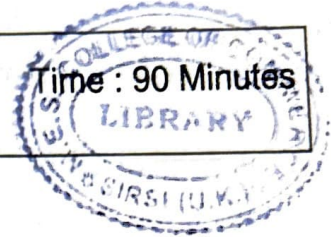
001CSC061 – F – 24 – 6352



FIRST SEMESTER ALL UG (NEP) DEGREE EXAMINATION, FEBRUARY 2024
DIGITAL FLUENCY
(SEC)

Total No. of Questions : 30

Maximum : 30 Marks



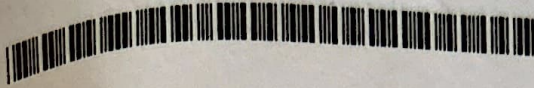
INSTRUCTIONS TO THE CANDIDATES

1. The question paper will be given in the form of a Question Booklet.
2. Immediately after the commencement of the examination, the candidate should check that the question booklet supplied to him/her contains all the **30** questions in serial order. The question booklet does not have unprinted or torn or missing pages and if so, he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet. This is most important.
3. Blank pages of the question booklet may be used for rough work.
4. Each question is provided with four choices **(A)**, **(B)**, **(C)** and **(D)** having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Ball Pen in the OMR answer sheet.
5. Each correct answer carries **1** mark and no negative mark for wrong answer.
6. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.
7. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the Candidate.

[P.T.O.]



1. AI stands for
 - (A) Aircraft Intelligence
 - (B) Artificial Intelligence
 - (C) Advanced Intelligence
 - (D) Advanced Internet
2. Examples of AI Digital Assistants is/are
 - (A) Amazon Alexa
 - (B) Apple Siri
 - (C) Google Assistant
 - (D) All of the above
3. Examples of smart devices are
 - (A) Smart phones
 - (B) Self driving cars
 - (C) Smart watch
 - (D) All of the above
4. The characteristics of the computer system capable of thinking, reasoning and learning is known as
 - (A) Machine Intelligence
 - (B) Human Intelligence
 - (C) Artificial Intelligence
 - (D) Virtual Intelligence
5. DL stands for
 - (A) Deep Linking
 - (B) Deep Learning
 - (C) Drone Launching
 - (D) Depth Learning
6. Which of the following are the application areas of AI ?
 - (A) Neural Networks
 - (B) Pattern Recognition
 - (C) Natural Language Processing
 - (D) All of the above



7. Which of the following are machine learning methods ?

- (A) Supervised Learning
- (B) Semi-supervised Learning
- (C) Reinforcement Learning.
- (D) All of the above

8. Machine Learning is a subset of

- (A) Deep Learning
- (B) Digital Marketing
- (C) Artificial Intelligence .
- (D) None of the above

9. The order of data analytics process is

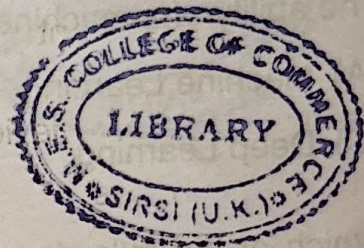
- (A) Analysis → Info → Insight → Data
- (B) Insight → Data → Analysis → Info
- (C) Data → Info → Insight → Analysis .
- (D) Info → Insight → Analysis → Data

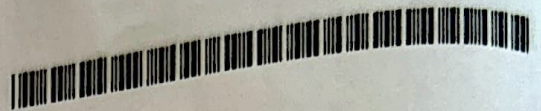
10. The cloud refers to

- (A) Network or Internet
- (B) Personal Computer
- (C) Artificial Intelligence .
- (D) None of the above

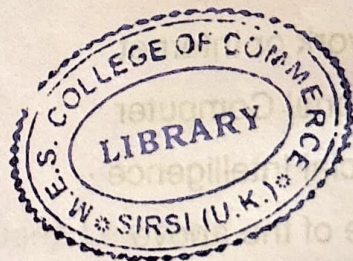
11. Technology that uses remote servers on the internet to store, manage and access data online rather than local drives is

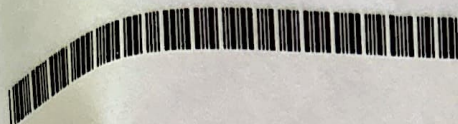
- (A) Store computing
- (B) Cloud computing.
- (C) Manage computing
- (D) Quantum computing





12. Which of the following applications is used to predict the traffic ?
(A) Google Pay
(B) Google Calendar
(C) Google Map
(D) Google Slide
13. A neural network composed of the following layers.
(A) Input layer
(B) Hidden layer
(C) Output layer
(D) All of the above.
14. The ability of a machine to learn by itself using large data sets is known as
(A) Machine Learning
(B) Artificial Intelligence
(C) Deep Learning
(D) None of the above
15. Which of the following is an open source relational database management system (RDBMS) ?
(A) Oracle
(B) MySQL
(C) MS-Access
(D) None of the above
16. A software system that is designated to manage and organize data in a structured manner is known as
(A) Database Management System
(B) Artificial Intelligence
(C) Deep Learning
(D) Machine Learning
17. Which of the following are the benefits of IoT ?
(A) Improvement of operational performance
(B) Ensuring safety
(C) Increasing flexibility
(D) All of the above





18. IoT devices are naturally vulnerable to the following threats.

- (A) Sensors
- (B) Heterogeneity
- (C) Security
- (D) Connectivity

19. IIoT stands for

- (A) Internet Internet of Things
- (B) Industrial Internet of Things
- (C) Intelligence Internet of Things
- (D) Internal Internet of Things



20. Cyber security aims to

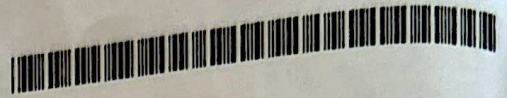
- (A) Reduce the risk of cyber attacks
- (B) Protect against the unauthorized exploitation of systems
- (C) Both A and B
- (D) None of the above

21. What is Cyber Security ?

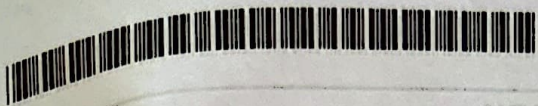
- (A) Cyber Security provides security against malware
- (B) Cyber security provides security against cyber-terrorism
- (C) Cyber security protects a system from cyber-attacks
- (D) All of the above

22. Common types of cyber attacks are

- (A) Malware
- (B) Phishing
- (C) Password attack
- (D) All of the above



23. Which of the following is used to avoid cyber attacks ?
- (A) Regularly change password
 - (B) Install and use antivirus
 - (C) Both A and B
 - (D) None of the above
24. The process of analyzing large amount of data is known as
- (A) Big Data Analytics
 - (B) Large Data Analytics
 - (C) Huge Data Analytics
 - (D) None of the above
25. Software mainly used to help users to detect viruses and avoid them is known as
- (A) Antivirus
 - (B) Malware
 - (C) Public Key
 - (D) Firmware
26. Choose the most important use of cloud computing.
- (A) Privacy
 - (B) Data storage
 - (C) Cost effectiveness
 - (D) Security
27. Which of the following is/are part of Digital Communication ?
- (A) E-mail
 - (B) WhatsApp Messages
 - (C) Both A and B
 - (D) None of the above



SPACE FOR ROUGH WORK

28. The following are the essential components of communication.

- (A) Source
- (B) Message
- (C) Receiver
- (D) All of the above

29. Which of the following are the types of communication ?

- (A) Verbal communication
- (B) Non-verbal communication
- (C) Both A and B
- (D) None of the above

30. Which of the following are the benefits of effective communication ?

- (A) Building trust
 - (B) Preventing or resolving problems
 - (C) Promotes team building
 - (D) All of the above
-