

B3ENG4T1 – O – 25 – 4192



THIRD SEMESTER B.COM. (REVISED NEP) DEGREE
EXAMINATION, JANUARY 2026

ENGLISH – 3 (AECC)

Generic English
Text : Skill Vision



Time : 3 Hours]

[Max. Marks : 80

PART – A

Directions : Question numbers 1 – 5 carry 2 marks each. (All questions are compulsory) (5×2=10)

1. a) What does Eliza Doolittle sell in covent garden market ?
b) What is Eliza's dream ?
2. a) Why does Eliza visit Higgins ?
b) What does Higgins promise Eliza to do ?
3. a) Why does Higgins take Eliza to his mother's house ?
b) What does Mrs. Higgins scold Higgins for ?
4. a) What does Eliza throw at Higgins ?
b) How does Higgins react to Eliza's leaving ?
5. a) How does Eliza behave towards Pickering ?
b) Whom does Eliza decide to stay with in the future ?

PART – B

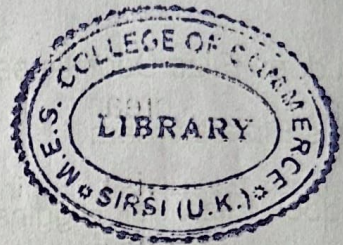
Directions : Question numbers 6 – 15 carry 5 marks each. (Answer any 8 of the following) (8×5=40)

6. "A woman who utters such depressing and disgusting sounds has no right to be anywhere – no right to live". [Write a note with Reference to context]

[P.T.O.]



7. "The new small talk. Really very nice". [Write a note with Reference to context]
8. Discuss the Embassy Ball episode and its importance in Eliza's transformation.
9. Comment on the ending of Pygmalion.
10. Write a paragraph on 'Your immediate goal'.
11. Write a letter to the Registrar [Evaluation] of the University requesting to issue you a Rank Certificate.
12. Punctuate the following sentence.
we had a great time in france the kids really enjoyed it.
13. Correct the spelling of the following words :
 - a) loveing
 - b) warior
 - c) achivement
 - d) truly
 - e) peice.
14. Give a one-word substitution for the following :
 - 1) One who is all powerful
 - 2) A government by the people
 - 3) That which cannot be avoided
 - 4) The study of birds
 - 5) A place where orphans live.
15. Write an e-mail to SBI, Mysore, applying for the Manager position.



PART – C

Directions : Question numbers 16 – 19 carry 10 marks each. (Answer any 3 of the following) (3×10=30)

16. Discuss the major themes of the play Pygmalion.
17. Sketch the following characters.
 - a) Freddy Eynsford Hill
 - b) Mrs. Pearce.



18. Write a precise of the following passage and give it a suitable title.

Trees give shade for the benefit of others, and while they themselves stand in the sun and endure the scorching heat, they produce the fruit of which other profit. The character of good men is like that of trees. What is the use of this perishable body if no use is made of it for the benefit of mankind ? Sandalwood, the more it rubbed, the more scent does it yield. Sugarcane, the more it is peeled and cut into pieces, the more juice does it produce. The men who are noble at heart do not lose their qualities even in losing their lives. What matters whether men praise them or not ? What difference does it make whether they die at this moment or whether lives are prolonged ? Happen what may, those who tread in the right path will not set foot in any other. Life itself is unprofitable to a man who does not live for others. To live for the mere sake of living one's life is to live the life of dog and crows. Those who lay down their lives for the sake of others will assuredly dwell forever in a world of bliss.

19. Write a note on the following :

- a) Principles of composition
 - b) Etiquette of E-mail writing.
-



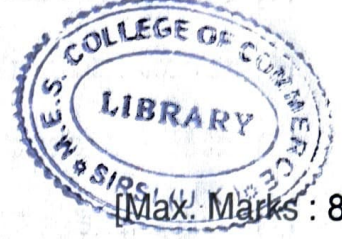
B3KAN4T1 – O – 25 – 4193



**THIRD SEMESTER B.COM./B.B.A./B.COM. (CS) (REVISED NEP) DEGREE
EXAMINATION, JANUARY 2026**

AECC : KANNADA

ಕನ್ನಡ ಭಾಷಾ ಪಠ್ಯ - ಅರಿವು 3



Time : 3 Hours]

ಸೂಚನೆ: ಭಾಷೆ ಮತ್ತು ಬರಹದ ಶುದ್ಧಿಗೆ ಗಮನ ಕೊಡಲಾಗುವುದು.

ಭಾಗ - 'ಅ'

I. ಈ ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ :

(10×2=20)

- 1) 'ಜಾಗತೀಕರಣ ಮತ್ತು ಸಂಸ್ಕೃತಿ' ಲೇಖನದ ಕರ್ತೃ ಯಾರು ? ಅವರು ಯಾವ ವಿಷಯದ ಪ್ರಾಧ್ಯಾಪಕರು ?
- 2) ಪನ್ನಗ ಮತ್ತು ಪತಾಕ ಎಂದರೆ ಅರ್ಥವೇನು ? 'ಪನ್ನಗ ಪತಾಕ' ಎಂದು ಯಾರನ್ನು ಕರೆಯುತ್ತಾರೆ ?
- 3) ಬರಗೂರು ರಾಮಚಂದ್ರಪ್ಪ ಯಾವ ಸಾಹಿತ್ಯ ಚಳುವಳಿಯಲ್ಲಿ ಮುಂಚೂಣಿಯಲ್ಲಿದ್ದರು ? ಅವರು ಯಾವ ವಿಷಯದ ಪ್ರಾಧ್ಯಾಪಕರು ?
- 4) ಭರತ-ಬಾಹುಬಲಿಯರು ಯಾವ ಯಾವ ಬಗೆಯ ಯುದ್ಧಗಳನ್ನು ಮಾಡಿದರು ?
- 5) ಹೆಣ್ಣಿನ ಜನುಮಾಕ ಅಣ್ಣ ತಮ್ಮರು ಯಾಕೆ ಬೇಕು ?
- 6) ಕೆ. ಪಿ. ಪೂರ್ಣಚಂದ್ರ ತೇಜಸ್ವಿ ಅವರ ಎರಡು ಕಾದಂಬರಿಗಳ ಹೆಸರುಗಳನ್ನು ಹೆಸರಿಸಿರಿ.
- 7) ಶಿವರಾಮ ಕಾರಂತರಿಗೆ ಜ್ಞಾನಪೀಠ ಪ್ರಶಸ್ತಿಯನ್ನು ತಂದುಕೊಟ್ಟ ಕಾದಂಬರಿಯ ಹೆಸರೇನು ? ಅವರು ಯಾವ ಊರಿನಲ್ಲಿ ಜನಿಸಿದ್ದರು ?
- 8) ಸರ್ವಜ್ಞ ಕವಿ ಜನಿಸಿದ ಸ್ಥಳ ಯಾವುದು ? ಸರ್ವಜ್ಞನು ಎಷ್ಟನೇ ಶತಮಾನದಲ್ಲಿ ಜೀವಿಸಿದ್ದನು ?
- 9) ಎಚ್. ನರಸಿಂಹಯ್ಯ ಅವರು ಯಾವ ವಿಷಯದ ಪ್ರಾಧ್ಯಾಪಕರಾಗಿದ್ದರು ? ಅವರ ಆತ್ಮಕತೆಯ ಹೆಸರು ಹೇಳಿರಿ.
- 10) 'ಸಮಾಧಿಯ ಸತ್ಯ' ಲೇಖನದ ಲೇಖಕರು ಯಾರು ? ಅವರು ಹುಟ್ಟಿದ ಊರು ಯಾವುದು ?

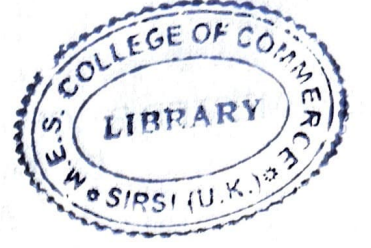
ಭಾಗ - 'ಬ'

II. ಬೇಕಾದ ಅಂಕಕ್ಕೆ ಉತ್ತರಿಸಿರಿ :

(6×5=30)

- 11) ಜಾಗತೀಕರಣ ಮತ್ತು ಸಂಸ್ಕೃತಿ.
- 12) 'ಮಾಡಿದರೆ ಮಾಡಬೇಕು ಅಂಥ ಯುದ್ಧ'.

ಪು.ತಿ.ನೋ.



- 13) ನೆಲವಿರೋಧಿ ವಿಧಾನವೇ ಕೃಷಿ ಸಮಸ್ಯೆಯ ಮೂಲ.
- 14) ಅಂಧಶ್ರದ್ಧೆಗಳೂ ಶಕುನಗಳೂ.
- 15) ಸಮಯವಿದೆಯಾ ಪಪ್ಪಾ.
- 16) ಜಾತಿ, ಮತ, ದೇವರು ಮತ್ತು ಭಕ್ತಿ ಕುರಿತಾದ ಸರ್ವಜ್ಞನ ವಿಚಾರಗಳು.
- 17) ಮೂಢನಂಬಿಕೆ.
- 18) ಲಾಭದಾಹಕ್ಕೆ ಇಂಗುತ್ತಿದೆ ನೀರು, ಕಾಣೆಯಾಗುತ್ತಿವೆ ನದಿಗಳು.

ಭಾಗ - 'ಕ'

(3×10=30)

III. ಬೇಕಾದ ಮೂರಕ್ಕೆ ಉತ್ತರಿಸಿರಿ :

- 19) ಸ್ಪರ್ಧಾತ್ಮಕ ಜಗತ್ತಿನಲ್ಲಿ ಮಾರುಕಟ್ಟೆಯು ಹೇಗೆ ವರ್ತಿಸುತ್ತಿದೆ ಎನ್ನುವುದರ ಕುರಿತು 'ಹುಲಿಸವಾರಿ' ಕಥೆಯಾಧರಿಸಿ ವಿವರಿಸಿರಿ.
- 20) ಯುದ್ಧದ ಭೀಕರ ಪರಿಣಾಮವನ್ನು ದುರ್ಯೋಧನ, ಧೃತರಾಷ್ಟ್ರ ಮತ್ತು ಗಾಂಧಾರಿಯರ ಮಾತುಗಳಿಂದ ವಿವರಿಸಿರಿ.
- 21) ಜನಪದರು ಬದುಕು ಕಟ್ಟಿಕೊಂಡು ಬಂದ ಚಿತ್ರಣವು 'ಗರತಿಯ ಹಾಡುಗಳು' ಜನಪದ ಕಾವ್ಯ ಸಂಗ್ರಹದಲ್ಲಿ ಹೇಗೆ ವ್ಯಕ್ತವಾಗಿದೆ ? ವಿವರಿಸಿ.
- 22) ವೈಚಾರಿಕ ಪ್ರಜ್ಞೆಗೆ ಇರುವ ಅಡೆತಡೆಗಳು ಯಾವುವು ? ವಿವರಿಸಿರಿ.

023KAN041 – O – 25 – 4620



THIRD SEMESTER B.COM./B.B.A./B.COM. (CS) (NEP) DEGREE
EXAMINATION, JANUARY 2026
KANNADA (AECC)

ಅವಶ್ಯಕ ಕನ್ನಡ
ಕನ್ನಡ ಭಾಷಾ ಪಠ್ಯ, ಮಲಪ್ರಭಾ - 3



Time : 2 Hours]

[Max. Marks : 60

ಸೂಚನೆ : ಭಾಷೆ ಮತ್ತು ಬರಹಗಳ ಶುದ್ಧತೆಗೆ ಗಮನ ನೀಡಲಾಗುವುದು.

I. ಬೇಕಾದ ಐದಕ್ಕೆ ಉತ್ತರಿಸಿ.

- 1) ನಲವಡಿ ಕೃಷ್ಣಶಾಸ್ತ್ರಿಗಳ ಎರಡು ಭಕ್ತಿ ಪ್ರಧಾನ ನಾಟಕಗಳನ್ನು ಬರೆಯಿರಿ.
- 2) 'ಸಂಸಾರ ನೌಕೆ' ಸಿನಿಮಾ ನಿರ್ಮಾಣಕ್ಕೆ ತಗುಲಿದ ಖರ್ಚು ಮತ್ತು ಲಾಭ ಎಷ್ಟು ?
- 3) ಸಿದ್ಧಲಿಂಗಯ್ಯನವರ ಯಾವುದಾದರೂ ಎರಡು ನಾಟಕಗಳನ್ನು ಹೆಸರಿಸಿ.
- 4) ಭಾರತದಲ್ಲಿ ಮಹಿಳಾ ಚಳುವಳಿಗಳನ್ನು ನೆಲೆಗೊಳಿಸುವಲ್ಲಿ ಪ್ರಮುಖ ಪಾತ್ರ ವಹಿಸಿದ ಇಬ್ಬರು ಮಹಿಳಾ ಹೋರಾಟಗಾರ್ತಿಯರ ಹೆಸರು ಬರೆಯಿರಿ.
- 5) ಮಂಜಮ್ಮ ಜೋಗತಿಯ ತಂದೆ, ತಾಯಿಯ ಹೆಸರು ಬರೆಯಿರಿ.
- 6) ವಿಚಾರಣಾ ಪತ್ರ ಎಂದರೇನು ?

(5×2=10)

II. ಬೇಕಾದ ನಾಲ್ಕಕ್ಕೆ ಉತ್ತರಿಸಿ.

- 7) 'ಸಂಸಾರ ನೌಕೆ' ಸಿನಿಮಾದ ಕಥಾ ವಸ್ತು.
- 8) ಅರುಣ ಜೋಳದ ಕೂಡಲಗಿ.
- 9) ಬಾನು ಮುಷ್ತಾಕ್.
- 10) ತಾಳ ಮದ್ದಲೆ ಎಂಬ ಮಾತಿನ ಕಲೆ.
- 11) ವಾಣಿಜ್ಯ ಪ್ರಪಂಚದಲ್ಲಿ ವ್ಯವಹಾರ ಪತ್ರಗಳ ಮಹತ್ವ.

(4×5=20)

III. ಬೇಕಾದ ಮೂರಕ್ಕೆ ಉತ್ತರಿಸಿ.

- 12) ತಾಳಮದ್ದಲೆ ಎಂಬ ಮಾತಿನ ಕಲೆಯ ವೈಶಿಷ್ಟ್ಯಗಳನ್ನು ವಿವರಿಸಿರಿ.
- 13) ಮಂಜಮ್ಮ ಜೋಗತಿಯ ಜೀವನ ಮತ್ತು ಸಾಧನೆಗಳನ್ನು ವಿವರಿಸಿರಿ.
- 14) ಮಹಿಳೆಯರ ಮೇಲಿನ ಅತ್ಯಾಚಾರ ಮತ್ತು ಹಿಂಸಾಚಾರವನ್ನು ಅಂತರ್ಜಾಲ ಮತ್ತು ಸಾಮಾಜಿಕ ಜಾಲತಾಣಗಳಲ್ಲಿ ಬಿತ್ತರಿಸುವ ವಿಧಾನಕ್ಕೆ ಸಿ. ಜೆ. ಮಂಜುಳಾ ಅವರ ಆತಂಕಗಳನ್ನು ವಿವರಿಸಿರಿ.
- 15) ವ್ಯವಹಾರ ಪತ್ರಗಳ ಬಗೆಗಳು ಯಾವುವು ? ವಿವರಿಸಿರಿ.

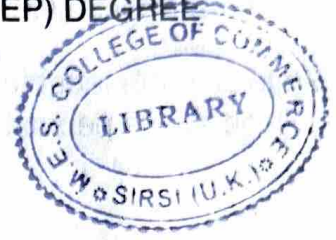
(3×10=30)

023ENG041 – O – 25 – 4619



III SEMESTER B.COM./B.COM.(CS)/B.B.A. (NEP) DEGREE
EXAMINATION, JANUARY 2026

AECC : ENGLISH
Generic English – 3
Text : 'The Tempest'



Time : 2 Hours]

[Max. Marks : 60

PART – A

1 to 6 carry **2** marks **each**. Answer **any five** of the following. **(5×2=10)**

1. Who was Ferdinand ? Name his father.
2. Name the witch who imprisoned Ariel.
3. Who was Juno, what did she do ?
4. Who is Prospero ? Name his daughter.
5. How many years did Prospero take to gain his magical powers and what were those ?
6. Name the butler and the Jester in the play.

PART – B

Directions : Question numbers 7 to 11 carry **5** marks **each**. Answer **any four** questions as directed. **(4×5=20)**

7. Be connected ;

No more amazement : tell you piteous heart there is no harm done. (Write reference to context for this statement).

8. Why, that's my spirit !
But was not this nigh shore ?
(Write reference to context for this statement).

[P.T.O.]



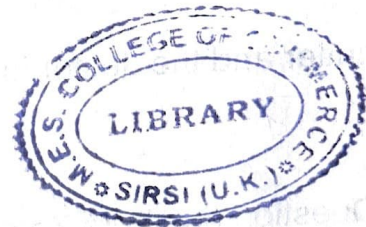
9. Write a note on listening skills.
10. What are visual Aids ? Name the common types used to prepare them.
11. Write an order letter to "Sujay Sports, Hubli" regarding purchase of Jerseys for college sports persons.

PART – C

Directions : Question numbers 12 to 15 carry **10 marks each**. Answer **any three** of the following in **200 to 250 words each**. (3×10=30)

12. Discuss the theme of obedience and disobedience in 'The Tempest'.
13. Sketch the character of Miranda in 'The Tempest'.
14. What is the significance of 'Vocal for local' ? Explain with examples.
15. Write as directed :

- a) Write an application for the post of Manager in SBI.
- b) Design a poster to emphasise the importance of exercise in mental and physical fitness.



B3COM1T2 – O – 25 – 4199



THIRD SEMESTER B.COM. (REVISED NEP) DEGREE
EXAMINATION, JANUARY 2026

COMMERCE (DSC – 2)
Fundamentals of Financial Management

Time : 3 Hours]

[Max. Marks : 80

Instructions : 1) Answer the questions according to **internal** choice.
2) Only simple calculator is **allowed**.

SECTION – A

(10×2=20)

Answer **all** the following questions.

1. What is Financial Management ?
2. What is Time Value of Money ?
3. Name any two short term sources of Finance.
4. Calculate the combined leverage if Operating leverage is 2.5 and Financial leverage is 1.5.
5. Expand :
 - a) NPV and
 - b) IRR.
6. What is profitability index ?
7. What is Negative Working Capital ?
8. What do you mean by operating cycle ?
9. Write the meaning of Dividend.
10. What is Variable Payout Ratio ?



[P.T.O.]

SECTION – B

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

(3×5)

11. Explain different types of working capital.

12. Explain the objectives of Dividend Policy.

13. Calculate the present value of the following cash flows assuming a discount rate of 8%.

Year	Cash flows (₹)	Present value factor @ 8% discount rate
1	20,000	0.926
2	24,000	0.857
3	12,000	0.794
4	8,000	0.735
5	6,000	0.681

14. Calculate operating leverage and financial leverage from the following information :

Sales units 50,000

Selling price per unit ₹ 10

Variable cost per unit ₹ 5

Fixed cost ₹ 1,00,000

10% Debentures ₹ 5,00,000

Tax bracket 35%.



15. A project cost ₹ 12,00,000 and yields annual cash flows as follows for 5 years.

Year	Cash flows (₹)
1	3,00,000
2	2,50,000
3	2,80,000
4	2,60,000
5	2,00,000

Compute Payback period.

SECTION – C

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

(3×15=45)

16. Define Financial Management. Explain the functions of Financial Management.

17. Explain the determinants of Dividend Decision Policy.

18. Prakruti Co. Ltd., wants to set up a new factory at Hubli at an investment of ₹ 50,00,000. The new factory is expected to yield EBIT ₹ 10,00,000, for maximising its EPS, the company is considering the following alternative financial proposals :

- All in equity shares of ₹ 100 each.
- ₹ 30,00,000 in 8% Debentures and remaining in equity shares of ₹ 100 each.
- ₹ 20,00,000 in 12% Debentures and ₹ 20,00,000 in 8% preference shares and remaining in equity shares of ₹ 100 each.
- ₹ 25,00,000 in 10% preference shares and remaining in equity shares of ₹ 100 each.

The company is in 35% Tax Bracket.

As a finance manager which financial proposal do you recommend ? Why ?

19. From the following information calculate the Net Present Value of the two projects at a discount rate of 10%. Suggest which project is profitable ?

Particulars	Project 'X'	Project 'Y'
Initial Investment	₹ 40,00,000	₹ 40,00,000
Estimated Life	5 years	5 years
Scrap value (in Rupees)	10,000	20,000
Cash inflows	(₹)	(₹)
I year	40,000	40,000
II year	1,20,000	1,00,000
III year	1,60,000	1,20,000
IV year	1,00,000	1,20,000
V year	80,000	1,00,000



Present value Re. 1 for 5 years @ 10% discount rate.

Year	I year	II year	III year	IV year	V year
Present value factor at 10%	0.909	0.826	0.751	0.683	0.621



20. The cost sheet of PQR Ltd. provides the following data :

Particulars	Cost per Unit (₹)
Raw material	50
Direct Labour	20
Overhead (including depreciation of ₹ 10)	40
Total cost	110
Profits	20
Selling price	130

- Average raw material in stock is for one month.
- Average material in work-in-progress is for half month.
- Credit allowed by suppliers – one month.
- Credit allowed to debtors – one month.
- Average time lag in payment of wages – 10 days.
- Average time lag in payment of overheads – 30 days
- 25% of the sales are on cash basis.
- Cash balance expected to be ₹ 1,00,000.
- Finished goods remains in the warehouse for one month.

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.

Allow 10% for contingencies.



B3COM1T1 – O – 25 – 4198

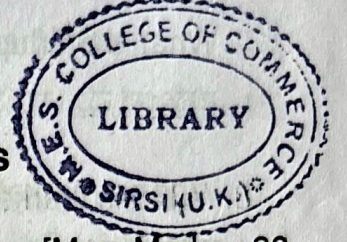


THIRD SEMESTER B.COM. (REVISED NEP) DEGREE

EXAMINATION, JANUARY 2026

COMMERCE (DSC – 1)

Entrepreneurship, Startups and Unicorns



Time : 3 Hours]

[Max. Marks : 80

Instructions : 1) **All Sections are compulsory.**

ಸೂಚನೆಗಳು : ಎಲ್ಲಾ ವಿಭಾಗಗಳು ಕಡ್ಡಾಯ.

2) Answer **all** questions in Section – A.

ವಿಭಾಗ - 'ಅ' ದ ಎಲ್ಲಾ ಪ್ರಶ್ನೆಗಳು ಕಡ್ಡಾಯವಾಗಿವೆ.

SECTION – A

ವಿಭಾಗ - ಅ

Answer **all** the following questions. **Each** question carries **two** marks.

ಈ ಕೆಳಗಿನ ಎಲ್ಲಾ ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ 2 ಅಂಕಗಳು.

(10x2=20)

1. Who is an entrepreneur ?

ಉದ್ಯಮಶೀಲರು ಎಂದರೆ ಯಾರು ?

2. What do you mean by social entrepreneurship ?

ಸಾಮಾಜಿಕ ಉದ್ಯಮಶೀಲತೆ ಎಂದರೇನು ?

3. Give the meaning of psychological theories.

ಮನೋವೈಜ್ಞಾನಿಕ (ಮಾನಸಿಕ) ಸಿದ್ಧಾಂತದ ಅರ್ಥವನ್ನು ನೀಡಿ.

4. Mention any two economic theories.

ಯಾವುದಾದರೂ ಎರಡು ಆರ್ಥಿಕ ಸಿದ್ಧಾಂತಗಳನ್ನು ಹೆಸರಿಸಿರಿ.

5. What is Entrepreneurship Development Program ?

ಉದ್ಯಮಶೀಲತೆಯ ಅಭಿವೃದ್ಧಿ ಕಾರ್ಯಕ್ರಮ ಎಂದರೇನು ?

[P.T.O.]



6. Expand : NGOs and SIDA.

ವಿಸ್ತರಿಸಿ ಬರೆಯಿರಿ : NGOs ಮತ್ತು SIDA.

7. What is Startups ?

ನವೋದ್ಯಮ (ಸ್ಟಾರ್ಟ್‌ಅಪ್‌ಗಳು) ಎಂದರೇನು ?



8. What is market validation ?

ಮಾರುಕಟ್ಟೆ ಮೌಲ್ಯೀಕರಣ ಎಂದರೇನು ?

9. Write any two Indian Unicorns.

ಯಾವುದಾದರೂ ಎರಡು ಭಾರತೀಯ ಯುನಿಕಾರ್ನ್‌ಗಳನ್ನು ಹೆಸರಿಸಿರಿ.

10. Mention two animal name in unicorn startups.

ಏಕಶೃಂಗಿ (ಯುನಿಕಾರ್ನ್) ಸ್ಟಾರ್ಟ್‌ಅಪ್‌ಗಳಲ್ಲಿರುವ ಎರಡು ಪ್ರಾಣಿಗಳ ಹೆಸರನ್ನು ತಿಳಿಸಿರಿ.

SECTION – B

ವಿಭಾಗ - ಬಿ

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

ಈ ಕೆಳಗಿನ ಬೇಕಾದ ಮೂರು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ 5 ಅಂಕಗಳು.

(3×5)

11. Briefly explain the factors determining entrepreneurship development.
ಉದ್ಯಮಶೀಲತೆ ಅಭಿವೃದ್ಧಿಯ ಮೇಲೆ ಪ್ರಭಾವ ಬೀರುವ ಅಂಶಗಳನ್ನು ಸಂಕ್ಷಿಪ್ತವಾಗಿ ವಿವರಿಸಿರಿ.

12. Explain the entrepreneurship theory of McClelland.
ಮ್ಯಾಕ್ಲೆಲ್ಲಾಂಡ್ ಅವರ ಉದ್ಯಮಶೀಲತಾ ಸಿದ್ಧಾಂತವನ್ನು ವಿವರಿಸಿರಿ.

13. State the functions of SISI.
ಎಸ್.ಐ.ಎಸ್.ಐ.ನ (SISI) ಕಾರ್ಯಗಳನ್ನು ವಿವರಿಸಿರಿ.

14. Explain in brief the life cycle stages of startups.
ಸ್ಟಾರ್ಟ್‌ಅಪ್‌ಗಳ ಜೀವನ ಚಕ್ರದ ಹಂತಗಳನ್ನು ಸಂಕ್ಷಿಪ್ತವಾಗಿ ವಿವರಿಸಿರಿ.

15. Explain the types of unicorns.
ಏಕಶೃಂಗಿ (ಯುನಿಕಾರ್ನ್)ಗಳ ವಿಧಗಳನ್ನು ವಿವರಿಸಿರಿ.



SECTION – C

ವಿಭಾಗ - ಕ

Answer **any three** of the following questions. **Each** question carries **15** marks.

ಕೆಳಗಿನ ಬೇಕಾದ ಮೂರು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ 15 ಅಂಕಗಳು.

(3×15=45)

6. Who is a Women Entrepreneur ? Explain in detail the importance of Women Entrepreneurship ?
ಮಹಿಳಾ ಉದ್ಯಮಶೀಲರು ಅಂದರೆ ಯಾರು ? ಮಹಿಳಾ ಉದ್ಯಮಶೀಲತೆಯ ಮಹತ್ವವನ್ನು ವಿವರವಾಗಿ ವಿವರಿಸಿರಿ.
7. Explain Schumpeter theory of Innovation and Knights theory of risk bearing.
ಶುಂಪೀಟರ್ ಅವರ ನಾವೀನ್ಯತಾ ಮತ್ತು ನೈಟ್ಸ್‌ರವರ ನಷ್ಟಭಯದ ಸಿದ್ಧಾಂತವನ್ನು ವಿವರಿಸಿರಿ.
8. Explain the objectives and importance of Entrepreneurship development program.
ಉದ್ಯಮಶೀಲತಾ ಅಭಿವೃದ್ಧಿ ಕಾರ್ಯಕ್ರಮದ ಉದ್ದೇಶಗಳನ್ನು ಮತ್ತು ಅದರ ಮಹತ್ವವನ್ನು ವಿವರಿಸಿರಿ.
9. Explain the different government schemes for startups companies in India.
ಭಾರತದಲ್ಲಿ ನವೋದ್ಯಮ (ಸ್ಟಾರ್ಟ್‌ಅಪ್ಸ್) ಕಂಪನಿಗಳಿಗೆ ಇರುವ ವಿವಿಧ ಸರ್ಕಾರಿ ಯೋಜನೆಗಳನ್ನು ವಿವರಿಸಿರಿ.
10. What is Unicorns ? Explain the features of unicorn startups and also give reasons for rapid growth of unicorns.
ಯುನಿಕಾರ್ನ್‌ಗಳು ಎಂದರೇನು ? ಯುನಿಕಾರ್ನ್ ಸ್ಟಾರ್ಟ್‌ಅಪ್‌ಗಳ ವೈಶಿಷ್ಟ್ಯಗಳನ್ನು ವಿವರಿಸಿ ಮತ್ತು ಯುನಿಕಾರ್ನ್‌ಗಳ ತ್ವರಿತ ಬೆಳವಣಿಗೆಗೆ ಕಾರಣಗಳನ್ನು ಸಹ ವಿವರಿಸಿರಿ.



023COM012 – O – 25 – 4627



THIRD SEMESTER B.COM. (NEP) DEGREE EXAMINATION, JANUARY 2026

COMMERCE (DSC – 2)

Company Law and Secretarial Practice

Time : 2 Hours]

[Max. Marks : 60

Instructions : 1) Attempt **all** Sections according to **Internal** choice.

2) Question No. 11 is **compulsory**.

SECTION – A

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

- Who is a secretary ?
- What is company limited by shares ?
- Who is a proxy ?
- Who is a promoter ?
- What is agenda of the meeting ?
- Who is managing director ?
- Expand the following :
 - AGM
 - SEBI.



(5×2=10)

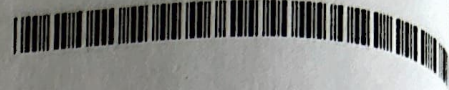
SECTION – B

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

(4×5=20)

- What are the powers of a company secretary ?
- Distinguish between public company and private company.
- State any ten contents of articles of association.
- Explain the various powers which can be exercised by the directors.
- What are the provisions relating to quorum ?

[P.T.O.]



SECTION – C

Question No. 11 is **compulsory** and answer **any two** of the remaining : (3×10=

7. Explain in detail the duties of a company secretary.
8. What is a formation of a company ? Explain the various stages involved in the formation of a company.
9. What is memorandum of association ? Briefly explain the contents.
10. What is annual general meeting ? Explain the secretarial work before and after the annual general meeting.
11. **Case study (compulsory) :**
 - a) Smt. Rajani is a Director of Taj Company Ltd. She requested her husband who is well known management consultant to attend the Company's Directors meeting on behalf of her due to her some other work. Comment on issue.
 - b) Mr. Sahil, failed in SSLC, is appointed as a Director of the Company. Whether this appointment is correct ? State reasons.

ಕನ್ನಡ ಆವೃತ್ತಿ

- ಸೂಚನೆಗಳು : 1) ಆಂತರಿಕ ಆಯ್ಕೆಗನುಗುಣವಾಗಿ ಎಲ್ಲಾ ಮೂರು ವಿಭಾಗಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ.
2) ಪ್ರಶ್ನೆ ಸಂಖ್ಯೆ 11 ಕ್ಕೆ ಉತ್ತರಿಸುವುದು ಕಡ್ಡಾಯವಾಗಿರುತ್ತದೆ.

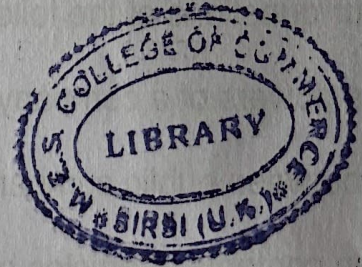
ವಿಭಾಗ - ಅ

1. ಯಾವುದಾದರೂ ಐದು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ.

- a) ಕಾರ್ಯದರ್ಶಿ ಎಂದರೆ ಯಾರು ?
- b) ಶೇರು ನಿಯಮಿತ ಕಂಪನಿ ಎಂದರೇನು ?
- c) ಬದಲು ಪ್ರತಿನಿಧಿ ಎಂದರೆ ಯಾರು ?
- d) ಪ್ರವರ್ತಕ ಎಂದರೆ ಯಾರು ?
- e) ಸಭೆಯ ಕಾರ್ಯಕ್ರಮ ಪಟ್ಟಿ ಎಂದರೇನು ?
- f) ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕ ಎಂದರೆ ಯಾರು ?
- g) ವಿಸ್ತರಿಸಿ :

i) AGM

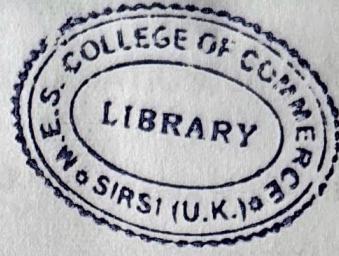
ii) SEBI.



(5×2=



ವಿಭಾಗ - ಬ



(4×5=20)

ಬೇಕಾದ ನಾಲ್ಕು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ.

2. ಕಂಪನಿ ಕಾರ್ಯದರ್ಶಿಯ ಹಕ್ಕುಗಳು ಯಾವುವು ?
3. ಖಾಸಗಿ ಕಂಪನಿ ಮತ್ತು ಸಾರ್ವಜನಿಕ ಕಂಪನಿಯ ನಡುವಿನ ವ್ಯತ್ಯಾಸಗಳನ್ನು ತಿಳಿಸಿರಿ.
4. ಲಿಖಿತ ಕಟ್ಟಳೆಗಳ ಯಾವುದಾದರೂ ಹತ್ತು ಅಂಶಗಳನ್ನು ತಿಳಿಸಿರಿ.
5. ನಿರ್ದೇಶಕರು ಚಲಾಯಿಸಬಹುದಾದ ಬೇರೆ ಬೇರೆ ಅಧಿಕಾರಗಳನ್ನು ವಿವರಿಸಿರಿ.
6. ಕನಿಷ್ಠ ಹಾಜರಾತಿಗೆ ಇರುವ ನಿಯಮಗಳು ಯಾವುವು ?

ವಿಭಾಗ - ಕ

ಪ್ರಶ್ನೆ 11 ಕಡ್ಡಾಯವಾಗಿದೆ. ಉಳಿದವುಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಎರಡು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ.

(3×10=30)

7. ಕಂಪನಿಯ ಕಾರ್ಯದರ್ಶಿಯ ಕರ್ತವ್ಯಗಳನ್ನು ವಿವರಿಸಿರಿ.
8. ಕಂಪನಿಯ ಸ್ಥಾಪನೆ ಎಂದರೇನು ? ಕಂಪನಿ ಸ್ಥಾಪನೆಯ ವಿವಿಧ ಹಂತಗಳನ್ನು ವಿವರಿಸಿರಿ.
9. ಮನವಿ ಪತ್ರ ಎಂದರೇನು ? ಅದರ ಅಂಶಗಳನ್ನು ಸಂಕ್ಷಿಪ್ತವಾಗಿ ವಿವರಿಸಿ.
10. ವಾರ್ಷಿಕ ಸಾಧಾರಣ ಸಭೆ ಎಂದರೇನು ? ಈ ಸಭೆಯ ಮುಂಚೆ ಹಾಗೂ ನಂತರದ ಕಂಪನಿ ಕಾರ್ಯದರ್ಶಿಯ ಕರ್ತವ್ಯಗಳನ್ನು ವಿವರಿಸಿರಿ.
1. ಪ್ರಕರಣ ಅಧ್ಯಯನ (ಕಡ್ಡಾಯ ಪ್ರಶ್ನೆ) :
 - a) ಶ್ರೀಮತಿ ರಜನಿ ತಾಜ್ ಕಂಪನಿಯ ನಿರ್ದೇಶಕರಿದ್ದು, ಕಂಪನಿಯ ನಿರ್ದೇಶಕರ ಮಂಡಳಿಯ ಸಭೆಯ ದಿನದಂದು, ತಮ್ಮ ಖಾಸಗಿ ಕಾರ್ಯ ನಿಮಿತ್ತ, ತಮ್ಮ ಸ್ಥಳದಲ್ಲಿ ಅವಳ ಪತಿಯನ್ನು ಸಭೆಗೆ ಪ್ರತಿನಿಧಿಯೆಂದು ನೇಮಕ ಮಾಡಿದ್ದಾರೆ. ಅವಳ ಪತಿಯು ವ್ಯವಸ್ಥಾಪನೆಯ ಪ್ರಸಿದ್ಧ ಸಲಹೆಗಾರರಿರುತ್ತಾರೆ. ಅವಳ ಪತಿಯು ಆ ಸಭೆಗೆ ಹಾಜರಾಗಬಹುದೇ ? ವಿಶ್ಲೇಷಿಸಿರಿ.
 - b) SSLC ಯಲ್ಲಿ ಅನುತ್ತೀರ್ಣರಾದ ಸಾಹಿಲ್ ಅವರನ್ನು ಕಂಪನಿಯ ನಿರ್ದೇಶಕ ಎಂದು ನೇಮಕಾತಿ ಮಾಡಿದೆ. ಈ ನೇಮಕಾತಿ ಕಾನೂನು ಬದ್ಧವೇ ? ಕಾರಣಕೊಡಿರಿ.

023COM011 – O – 25 – 4626



THIRD SEMESTER B.COM. (NEP) DEGREE EXAMINATION, JANUARY 2026

COMMERCE (DSC – 1)

Company Accounts – I

Time : 2 Hours]

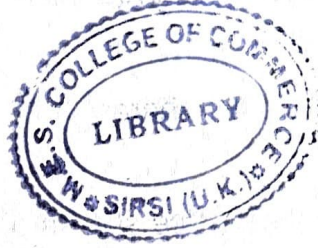
[Max. Marks : 60

- Instructions :** 1) Answer **all** the Sections as per **internal** choice.
2) Simple calculators are **allowed** to be used.
3) Question No. 11 (Case study) is **compulsory**.

SECTION – A

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

- Define public company.
- What is over subscription of shares ?
- What is unmarked applications ?
- State any two types of debentures.
- What do you mean by profit prior to incorporation ?
- What is dividend ?
- State the types of reconstruction.



(5×2=10)

SECTION – B

Answer **any four** of the following :

(4×5=20)

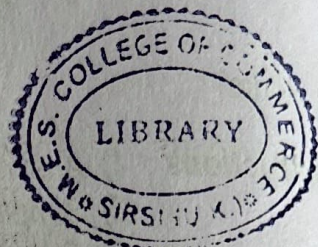
- Write a format of Note No. – 01 as prescribed under Schedule III of Companies Act, 2013.
- Prapti Ltd. issued 1,60,000 shares of Rs. 10 each. These shares are underwritten by Vidya 96,000 shares and Veena 64,000 shares. The total subscription was 1,28,000 shares which includes marked applications belongs to Vidya 80,000 shares and Veena 28,000 shares. Determine the underwriter liability.
- Sahitya Company Ltd. issue 5,000, 12% debentures of Rs. 100 each. Pass Journal Entries on issue of debentures are
 - Issued at discount of 5% and redeemable at par.
 - Issued at a discount of 10% and redeemable at a premium of 5%.

[P.T.O.]



5. Following information furnished by Nayak Trading Company Hubli. Prepare statement showing of Profit and Loss Account for the year ending 31-3-2025.

a) Revenue from operation	Rs. 2,00,000
b) Other income	Rs. 1,00,000
c) Total expenses	Rs. 50,000
d) Exceptional items (profit)	Rs. 20,000
e) Extra ordinary items (loss)	Rs. 10,000
f) Tax expenses	Rs. 10,000



6. Ram Ltd. decided to go for internal reconstruction. The schemes for reconstruction is as follows :

- 10,000 equity shares of Rs. 10 each fully paid reduced to Rs. 5 each fully paid.
- 5,000 preference shares of Rs. 10 each fully paid reduced to Rs. 5 each fully paid.
- The debit balance of Profit and Loss account of Rs. 25,000 and preliminary expenses of Rs. 30,000 were to be written off.
- The value of plant and machinery were written down by Rs. 20,000.

Pass Journal Entries.

SECTION – C

Question No. 11 is **compulsory** (case study). Answer **any two** of the remaining questions. (3×10=)

7. Define company. Explain various types of companies.

8. Hubli Limited issued 10,000 equity shares of Rs. 100 each. The amount was payable as follows :

Rs. 20 on application

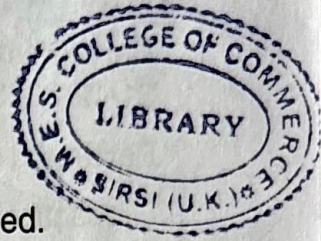
Rs. 30 on allotment

Rs. 20 on first call

Rs. 30 on final call

All the shares were subscribed and the amount was duly received.

Pass the Journal Entries.



9. Swati Company Ltd. issued 20,000 debentures of Rs. 10 each at a premium of Rs. 1 per debentures. The amount was payable as follows :
- On application Rs. 2
 - On allotment Rs. 4 (including premium)
 - On first call Rs. 3
 - On final call Rs. 2
- All the debentures were subscribed and the money was duly received.
Pass the Journal Entries.

10. Following is the statement of assets and liabilities of Hubli Co. Ltd. as on 31-03-2025.

Particulars	Note	Amount (Rs.)
I. Equity and Liabilities :		
Share holder Fund : Share capital	01	10,00,000
Reserve and surplus	02	– 1,00,000
Current liabilities – Creditors	–	7,00,000
Total Liabilities		16,00,000
II. Assets :		
Tangible fixed assets (Machinery)	–	10,00,000
Intangible fixed assets (Goodwill)	–	2,00,000
Current Assets : Inventories (Stocks)	–	3,90,000
Cash in hand	–	10,000
Total Assets		16,00,000

Notes :

- 1) Share capital
1,00,000 equity shares of Rs. 10 each – 10,00,000
- 2) Reserve and surplus
Profit and Loss Account (Loss) – (–) 1,00,000

Draft a suitable scheme for reconstruction of capital which would help the company to re-organise on the following lines.

- a) To write off profit and loss account loss balance and Goodwill completely.
- b) To depreciate machinery by 10%.
- c) To reduce the value of stock to Rs. 2,90,000.

Also give Journal Entries to implement the scheme and draft the Balance Sheet.

11. Case study **compulsory**.

Kiran Ltd. was incorporated on 1-5-2025 to take over the running business of Raj Ltd. from 1-1-2025. The Profit and Loss Account for the year ended 31-12-2025 was as under.

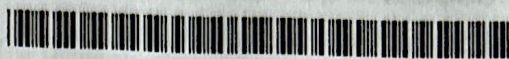
Particulars	Amount (Rs.)
Gross profit	<u>80,000</u>
Expenses :	
Salaries	24,000
Rent	6,000
Advertisement	8,000
Selling expenses	28,000
Directors fees	4,000
Total expenses	<u>70,000</u>
Net profit	<u>10,000</u>



The sales ratio for pre-acquisition and post-acquisition was 3 : 5.

You are required to prepare statement of profit prior to incorporation and after incorporation.

B3COM1T4A – O – 25 – 4201

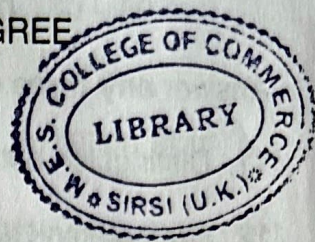


THIRD SEMESTER B.COM. (REVISED NEP) DEGREE

EXAMINATION, JANUARY 2026

COMMERCE (DSE – 4A)

Business Statistics – I



Time : 3 Hours]

[Max. Marks : 80

- Instructions :** 1) *Use of simple calculator is allowed.*
2) *Answer all the questions as per internal choice.*

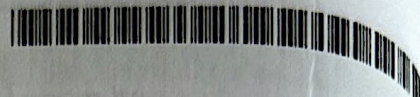
SECTION – A

Answer the following questions.

(2×10=20)

1. Define statistics.
2. What is statistical investigation ?
3. State any two methods of primary data collection.
4. What is tabulation ?
5. Write any two sources of secondary data.
6. What is exclusive class interval ? Give example.
7. Define geometric mean.
8. Find mean ($\bar{X}$) : 10, 15, 17, 20, 8.
9. If median is 40 and arithmetic mean is 35, find mode.
10. If $\sigma = 4$ and $\bar{X} = 18$, find Coefficient of Variation (CV).

[P.T.O.]



SECTION – B

Answer **any three** of the following.

11. Distinguish between primary and secondary data.

12. Draft a blank table showing the different parts of table.

13. Construct a frequency distribution table with class interval 0 – 10, 10 – 20 and so on.

10, 12, 15, 49, 18, 25, 9, 6, 3, 1
 3, 6, 31, 36, 38, 41, 43, 5, 1, 3
 8, 10, 21, 36, 39, 46, 12, 15, 17, 19
 45, 43, 31, 28, 35, 14, 16, 36, 15, 12
 0, 4, 8, 12, 14, 18, 20, 22, 30, 32

14. Average wages of the firms are given below.

Represent this by simple bar diagram.

Firm	A	B	C	D	E	F
Average wage	340	590	540	300	190	150

15. The mean height of 25 male workers in a factory is 61 cm and the mean height of 35 female workers in the same factory is 58 cm. Find the combined mean height of 60 workers in the factory.

SECTION – C

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

16. A) Explain the types of classification.

B) State the essentials of a good statistical table.

17. Write short notes on the following :

A) Importance of statistics.

B) Primary data.

C) Measures of central tendency.





18. Find mean, median and mode from the following data :

Class interval : 0 – 10 10 – 20 20 – 30 30 – 40 40 – 50 50 – 60

Frequency : 4 36 60 90 70 40

19. Compute Quartile Deviation.(Q.D.) and coefficient of quartile deviation from the following.

Marks : 0 – 5 5 – 10 10 – 15 15 – 20 20 – 25 25 – 30

No. of students : 3 9 10 8 3 2

20. Following data shows the market value of shares of Company – A and Company – B in 5 days.

Company A share price	40	50	35	42	33
Company B share price	36	42	40	32	30

Answer the following questions :

- A) Which company's shares are better ?
- B) Which company's shares are more consistent ?



B3COM1T4B – O – 25 – 4202



THIRD SEMESTER B.COM. (REVISED NEP) DEGREE

EXAMINATION, JANUARY 2026

COMMERCE (DSE – 4B)

Commercial Arithmetic – I



Time : 3 Hours]

Instructions : 1) **Mathematical** tables will be supplied on request.
2) Simple calculators are **allowed**.

SECTION – A

I. Answer **all** of the following questions.

(10×2=20)

- 1) If $\log 2 = 0.3010$ find $\log 4$ without using log table.
- 2) Write any two laws of logarithms.
- 3) Find the SI for ₹ 10,000 at 5% p.a. for 5 years.
- 4) What is instalment buying ?
- 5) Name any two methods of finding depreciation.
- 6) Define immediate annuity.
- 7) Find 5% of 10% of ₹ 5,000.
- 8) An article is purchased for ₹ 15,000 and is sold for ₹ 17,500. Calculate profit /loss.
- 9) Find x if $3x : 5 = 150 : 2$.
- 10) Name the different types of proportions.

SECTION – B

II. Answer **any three** of the following.

(3×5=15)

- 11) In what time a sum of money double itself at 4% p.a. simple interest ?
- 12) Find the CI on ₹ 5,000 at 4% p.a. in 4 years.
- 13) A loan of ₹ 25,000 is repaid by means of 4 equal instalments including principal and interest. Calculate the amount of annual instalment at 5% p.a.

[P.T.O.]



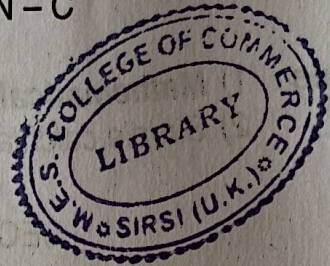
- 14) A trader buys an article for ₹ 30,000 and marks it 15% above the cost. Find the percentage profit or loss, if he sells it with 10% TD and 5% CD.
- 15) A, B and C are in partnership. A gets 40% of the total profit, B 50% of the remaining profit and C 80% of the balance any amount left out is equally divided among the three partners. If C gets in all ₹ 130, find the total profit.

SECTION – C

III. Answer **any three** of the following :

- 16) a) Simplify using logarithm tables.

$$\sqrt{\frac{562 \times 8421}{396}}$$



(3×15=)

- b) Two articles A and B together cost ₹ 50,000. Article A is sold at 10% profit and article B is sold at 10% loss. If on the whole there is profit of 2%. Find the cost of each article.
- 17) a) A person borrowed ₹ 5,000 for 10 years at CI if the rate of interest is 3% p.a. for the first 2 years, 3.5% p.a. for the next 3 years and 4% for the last 5 years, how much does he repay at the end of 10 years ?
- b) What principal would amount to ₹ 1,000 at 6% p.a. in 8 years compounded half yearly ?
- 18) a) Find the value of machinery costing ₹ 12,500 at the end of 5 years. If depreciation at 10% p.a. is written off on the value of the commencement of each year.
- b) A motor car worth ₹ 15,000 is purchased on instalment plan under which five equal annual instalments including compound interest at 10% p.a. are payable. Find the amount of annual payment.
- 19) a) An agent charges 2.5% commission on cash sales and 4.5% on credit sales and thereby earns 3.25% on the total sales. If cash sales is ₹ 45,000 find the credit sales.
- b) If an article is sold for ₹ 25,000 incurred a loss of 20% at what price should it be sold to earn a profit of 20% ?
- 20) a) A property is divided among A and B in the ratio 1 : 3, B and C in the ratio of 4 : 5. If the value of property is ₹ 80,000 find the shares of A and B and C.
- b) One man, two women and three boys can complete a work in 30 days. Three men, two women and one boy can complete the same work in 20 days. In how many days will 6 men, 6 women and 6 boys do it together?

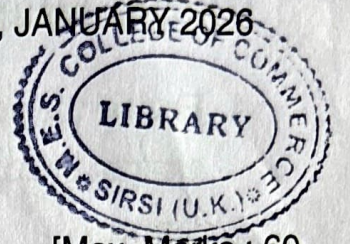
023COM013 – O – 25 – 4628



THIRD SEMESTER B.COM. (NEP) DEGREE EXAMINATION, JANUARY 2026

COMMERCE (DSC – 3)
International Business

ಅಂತರರಾಷ್ಟ್ರೀಯ ವ್ಯವಹಾರ



Time : 2 Hours]

[Max. Marks : 60

- Instructions :** 1) Answer **all** Sections according to **internal** choice.
2) Question No. 11 is **compulsory**.

SECTION – A

ವಿಭಾಗ - ಅ

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

(5×2=10)

ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಬೇಕಾದ ಐದು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ.

1. a) What do you mean by International business ?

ಅಂತರರಾಷ್ಟ್ರೀಯ ವ್ಯವಹಾರ ಎಂದರೇನು ?

- b) What is absolute cost ?

ಸಂಪೂರ್ಣ ವೆಚ್ಚ ಎಂದರೇನು ?

- c) Expand : i) FDI ii) FEMA

ವಿಸ್ತರಿಸಿರಿ : i) FDI ii) FEMA

- d) What is Internal environment in International business ?

ಅಂತರರಾಷ್ಟ್ರೀಯ ವ್ಯವಹಾರದಲ್ಲಿ ಆಂತರಿಕ ಪರಿಸರ ಎಂದರೇನು ?

- e) What do you mean by Multi National Company ?

ಬಹುರಾಷ್ಟ್ರೀಯ ಕಂಪನಿ ಎಂದರೇನು ?

- f) Give the meaning of International Business Research.

ಅಂತರರಾಷ್ಟ್ರೀಯ ವ್ಯವಹಾರ ಸಂಶೋಧನೆ ಎಂದರೇನು ?

- g) What is joint venture business ?

ಜಂಟಿ ಉದ್ಯಮ ಎಂದರೇನು ?

SECTION – B

ವಿಭಾಗ - ಬ

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

(4×5=20)

ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ನಾಲ್ಕು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ.

2. Explain the advantages of International business.

ಅಂತರರಾಷ್ಟ್ರೀಯ ವ್ಯವಹಾರದ ಅನುಕೂಲತೆಗಳನ್ನು ವಿವರಿಸಿರಿ.

[P.T.O.]



3. Briefly explain the Product Life Cycle (PLC) theory.

ವಸ್ತುಕಾಲ ಚಕ್ರ ಸಿದ್ಧಾಂತವನ್ನು ಸಂಕ್ಷಿಪ್ತವಾಗಿ ವಿವರಿಸಿರಿ.

4. Explain the political environmental factors influencing International business.

ಅಂತರರಾಷ್ಟ್ರೀಯ ವ್ಯವಹಾರದ ಮೇಲೆ ಪರಿಣಾಮ ಬೀರುವ ರಾಜಕೀಯ ಪರಿಸರದ ಅಂಶಗಳನ್ನು ವಿವರಿಸಿರಿ.

5. What are the advantages of Globalisation ? Explain.

ಜಾಗತೀಕರಣದ ಅನುಕೂಲತೆಗಳನ್ನು ವಿವರಿಸಿರಿ.

6. Explain the objectives of International Business Research.

ಅಂತರರಾಷ್ಟ್ರೀಯ ವ್ಯವಹಾರ ಸಂಶೋಧನೆಯ ಉದ್ದೇಶಗಳನ್ನು ವಿವರಿಸಿರಿ.

SECTION – C

ವಿಭಾಗ - ಕ

Answer **any three** of the following. Q. No. 11 is **compulsory**.

(3x1)

ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಮೂರಕ್ಕೆ ಉತ್ತರಿಸಿರಿ. ಪ್ರಶ್ನೆ ಸಂಖ್ಯೆ 11 ಕಡ್ಡಾಯ.

7. Explain the different modes of entering International Business.

ಅಂತರರಾಷ್ಟ್ರೀಯ ವ್ಯವಹಾರವನ್ನು ಪ್ರವೇಶಿಸುವ ವಿವಿಧ ಮಾರ್ಗಗಳನ್ನು ವಿವರಿಸಿರಿ.

8. Write short notes on :

i) Mercantilism

ii) International Trade

ಲಘು ಟಿಪ್ಪಣಿ ಬರೆಯಿರಿ :

i) ವ್ಯಾಪಾರೋದ್ಯಮ

ii) ಅಂತರರಾಷ್ಟ್ರೀಯ ವ್ಯಾಪಾರ

9. Explain the factors of social and cultural environment affecting International business.

ಅಂತರರಾಷ್ಟ್ರೀಯ ವ್ಯವಹಾರದ ಮೇಲೆ ಪರಿಣಾಮ ಬೀರುವ ಸಾಮಾಜಿಕ ಮತ್ತು ಸಾಂಸ್ಕೃತಿಕ ಅಂಶಗಳನ್ನು ವಿವರಿಸಿರಿ.



10. Explain different channels of distribution in International Business.

ಅಂತರರಾಷ್ಟ್ರೀಯ ವ್ಯವಹಾರದಲ್ಲಿಯ ವಿವಿಧ ವಿತರಣೆಯ ಚಾನೆಲ್‌ಗಳನ್ನು ವಿವರಿಸಿರಿ.

11. Case study [Compulsory].

ಪ್ರಕರಣ ಅಧ್ಯಯನ [ಕಡ್ಡಾಯ].

Miss Lata, is the owner of a leading company in India, now she wants to expand her business internationally and become a leading MNC.

In view of this, answer the following.

i) What are the features of MNC ?

ii) What are the benefits of MNC ?

ಮಿಸ್ ಲತಾ, ಭಾರತದ ಯಶಸ್ವಿ ಪ್ರಮುಖ ಕಂಪನಿಯ ಮಾಲಿಕರಾಗಿದ್ದು, ಈಗ ಅವರು ವ್ಯಾಪಾರವನ್ನು ಅಂತರರಾಷ್ಟ್ರೀಯವಾಗಿ ವಿಸ್ತರಿಸಲು ಹಾಗೂ ಪ್ರಮುಖ ಬಹುರಾಷ್ಟ್ರೀಯ ಕಂಪನಿ ಆಗಲು ಬಯಸಿದ್ದಾರೆ. ಈ ದಿಶೆಯಲ್ಲಿ ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ.

i) ಬಹುರಾಷ್ಟ್ರೀಯ ಕಂಪನಿಗಳ ಲಕ್ಷಣಗಳು ಯಾವುವು ?

ii) ಬಹುರಾಷ್ಟ್ರೀಯ ಕಂಪನಿಯ ಲಾಭಗಳು ಯಾವುವು ?

003ECO051 – O – 25 – 4572



THIRD SEMESTER B.A. (NEP) DEGREE EXAMINATION, JANUARY 2026

ECONOMICS (OEC-1)

Macro Economics

Time : 2 Hours]

[Max. Marks : 60

- Instructions :** 1) Attempt **all three** Sections.
2) Section – **A** should be answered **continuously**.
3) Draw diagrams **wherever** necessary.

- ಸೂಚನೆಗಳು :** 1) ಎಲ್ಲಾ ಮೂರು ವಿಭಾಗಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ.
2) ವಿಭಾಗ - ಅ ಪ್ರಶ್ನೆಗಳಿಗೆ ಒಂದೇ ಕಡೆ ಬರೆಯಿರಿ.
3) ಅವಶ್ಯವಿದ್ದಲ್ಲಿ ರೇಖಾಚಿತ್ರ ಬಿಡಿಸಿರಿ.



SECTION – A

ವಿಭಾಗ - ಅ

Answer **any five** questions in **two** or **three** sentences **each**. Each question carries **2** marks. **(5×2=10)**

ಕೆಳಗಿನ ಬೇಕಾದ ಐದು ಪ್ರಶ್ನೆಗಳಿಗೆ ಎರಡು ಅಥವಾ ಮೂರು ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿರಿ. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ **2** ಅಂಕಗಳು.

1. Give the meaning of macro economics.
ಸಮಗ್ರ ಅರ್ಥಶಾಸ್ತ್ರದ ಅರ್ಥ ನೀಡಿರಿ.
2. Give the meaning of price index number.
ಬೆಲೆ ಸೂಚಿ ಸಂಖ್ಯೆಯ ಅರ್ಥವನ್ನು ನೀಡಿರಿ.
3. If $c = 30$, $y = 50$, find APC (Average Propensity to Consume).
 $c = 30$, $y = 50$ ಇದ್ದಾಗ ಸರಾಸರಿ ಅನುಭೋಗ ಪ್ರವೃತ್ತಿ ಕಂಡುಹಿಡಿಯಿರಿ.
4. Give the meaning of multiplier.
ಗುಣಕದ ಅರ್ಥವನ್ನು ನೀಡಿರಿ.
5. What is meant by inflation ?
ಹಣದುಬ್ಬರ ಎಂದರೇನು ?
6. Give the meaning of business cycle.
ವ್ಯಾಪಾರಿ ಚಕ್ರದ ಅರ್ಥವನ್ನು ನೀಡಿರಿ.

[P.T.O.]



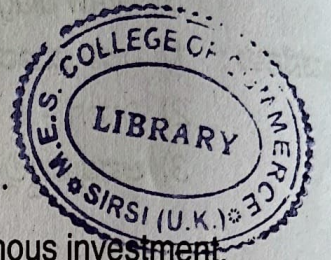
SECTION - B

ವಿಭಾಗ - ಬಿ

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

ಕೆಳಗಿನ ಬೇಕಾದ ನಾಲ್ಕು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ 5 ಅಂಕಗಳು.

7. What is National Income ? Explain the limitations of National Income.
ರಾಷ್ಟ್ರೀಯ ಆದಾಯ ಎಂದರೇನು ? ರಾಷ್ಟ್ರೀಯ ಆದಾಯದ ಮಿತಿಯನ್ನು ವಿವರಿಸಿರಿ.
8. Explain the components of money supply.
ಹಣದ ಪೂರೈಕೆಯ ವಿವಿಧ ಪರಿಭಾವನೆಗಳನ್ನು ವಿವರಿಸಿರಿ.
9. Briefly explain the Say's market law.
ಸೇಯವರ ಮಾರುಕಟ್ಟೆ ನಿಯಮವನ್ನು ಸಂಕ್ಷಿಪ್ತವಾಗಿ ವಿವರಿಸಿರಿ.
10. Describe the concepts of induced and autonomous investment.
ಪ್ರೇರಿತ ಹೂಡಿಕೆ ಹಾಗೂ ಸ್ವಾಯತ್ತ ಹೂಡಿಕೆ ಪರಿಕಲ್ಪನೆಗಳನ್ನು ಕುರಿತು ವರ್ಣಿಸಿರಿ.
11. Explain the features of business cycle.
ವ್ಯಾಪಾರ ಚಕ್ರಗಳ ಗುಣಲಕ್ಷಣಗಳನ್ನು ವಿವರಿಸಿರಿ.



SECTION - C

ವಿಭಾಗ - ಕೆ

Answer any three questions. Each question carries 10 marks. (3×10)

ಕೆಳಗಿನ ಬೇಕಾದ ಮೂರು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ 10 ಅಂಕಗಳು.

12. Explain the meaning and nature of macro economics.
ಸಮಗ್ರ ಅರ್ಥಶಾಸ್ತ್ರದ ಅರ್ಥ ಹಾಗೂ ಸ್ವರೂಪವನ್ನು ವಿವರಿಸಿರಿ.
13. Critically examine Fisherian approach.
ಫೀಶರ್ ರವರ ಸಮೀಕರಣವನ್ನು ವಿಮರ್ಶಾತ್ಮಕವಾಗಿ ವಿವರಿಸಿರಿ.
14. Explain the working of multiplier.
ಗುಣಕದ ಕಾರ್ಯಾಚರಣೆಯನ್ನು ವಿವರಿಸಿರಿ.
15. Explain the determinants of investment function.
ಹೂಡಿಕೆಯ ಕಾರ್ಯವನ್ನು ನಿರ್ಧರಿಸುವ ಅಂಶಗಳನ್ನು ವಿವರಿಸಿರಿ.

003CAP051 – O – 25 – 4616



THIRD SEMESTER B.A. (NEP) DEGREE EXAMINATION, JANUARY 2026
COMPUTER APPLICATION

Python Programming Concepts (OEC)

Time : 2 Hours]

[Max. Marks : 60

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

SECTION – A

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

(2×5=10)

1. List any four characteristics of computer.
2. What is utility software ?
3. What are the applications of Python ?
4. What are keywords ?
5. List any two control flow statements in Python.
6. What is function definition ?



SECTION – B

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

(5×4=20)

7. Explain different number systems with examples.
8. Explain types of software with examples.
9. Explain data types in Python.
10. Explain range() function in detail with different forms, examples and applications.
11. Explain different types of functions in Python.

SECTION – C

Answer **any 3** questions. **Each** question carries **10** marks.

(10×3=30)

12. Explain the organization of a digital computer with a neat block diagram.
 13. Write short notes on – identifiers, variables, keywords, indentation and comments.
 14. Write a Python program to generate Fibonacci series upto N terms.
 15. Explain types of operators in Python.
-

003COM051 – O – 25 – 4629



THIRD SEMESTER B.COM. (NEP) DEGREE EXAMINATION, JANUARY 2026

COMMERCE

Advertising Skills (OEC – 1)

Time : 2 Hours]

[Max. Marks : 60

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

SECTION – A

Answer **any five** questions. **Each** answer carries **2** marks. (5×2=10)

1. a) Give the meaning of advertisement.
- b) What is window display ?
- c) What is an advertisement copy ?
- d) What is E-commerce ?
- e) Mention any two pre-testing methods.
- f) Give the meaning of ethical advertising.
- g) What is media selection ?



SECTION – B

Answer **any four** questions. **Each** answer carries **5** marks. (4×5=20)

2. Explain the importance of advertising in modern marketing.
3. Explain the importance of creativity in advertising.
4. Explain the need for measuring advertising effectiveness.
5. Explain the role of advertising agency.
6. Explain the modes of online advertising.

[P.T.O.]



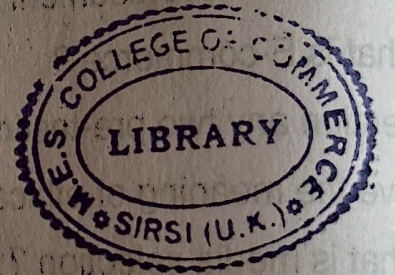
SECTION – C

Answer **any three** questions. **Each** answer carries **10** marks. Question number 11 is **compulsory** (Case-study). (3×10=30)

7. Explain the important elements of advertisement copy.
8. Explain the pre and post-testing techniques of measuring advertising effectiveness.
9. Explain merits and demerits of advertisement.
10. Explain the factors influencing selection of advertising media.
11. Case study (**Compulsory**) : Nisarga E-Bikes Ltd. manufacture and sells electric vehicles. Being an advertising expert, suggest the best social media platform for the company to advertise the electric vehicle. Justify your suggestion.

ಕನ್ನಡ ಆವೃತ್ತಿ

ವಿಭಾಗ – ಅ



ಬೇಕಾದ ಐದು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ. ಪ್ರತಿ ಉತ್ತರಕ್ಕೆ 2 ಅಂಕಗಳು.

(5×2=10)

1. a) ಜಾಹೀರಾತು ಇದರ ಅರ್ಥವನ್ನು ನೀಡಿರಿ.

b) ಕಿಟಕಿ ಪ್ರದರ್ಶನ ಎಂದರೇನು ?

c) ಜಾಹೀರಾತು ಪ್ರತಿ ಎಂದರೇನು ?

d) ಇ-ಕಾಮರ್ಸ್ ಎಂದರೇನು ?

e) ಯಾವುದೇ ಎರಡು ಪೂರ್ವ-ಪರೀಕ್ಷಾ ವಿಧಾನಗಳನ್ನು ತಿಳಿಸಿ.

f) ನೈತಿಕ ಜಾಹೀರಾತು ಇದರ ಅರ್ಥವನ್ನು ತಿಳಿಸಿ.

g) ಮಾಧ್ಯಮದ ಆಯ್ಕೆ ಎಂದರೇನು ?

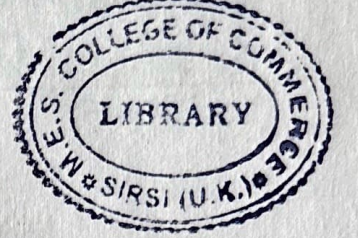


ವಿಭಾಗ - ಆ

ಬೇಕಾದ ನಾಲ್ಕು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ. ಪ್ರತಿ ಉತ್ತರಕ್ಕೆ 5 ಅಂಕಗಳು.

(4×5=20)

2. ಆಧುನಿಕ ಮಾರುಕಟ್ಟೆಯಲ್ಲಿ ಜಾಹೀರಾತುಗಳ ಪ್ರಾಮುಖ್ಯತೆಯನ್ನು ವಿವರಿಸಿ.
3. ಜಾಹೀರಾತುಗಳಲ್ಲಿ ಸೃಜನಶೀಲತೆಯ ಮಹತ್ವವನ್ನು ವಿವರಿಸಿ.
4. ಜಾಹೀರಾತಿನ ಪರಿಣಾಮಕಾರಿತ್ವವನ್ನು ಅಳೆಯುವ ಅಗತ್ಯವನ್ನು ವಿವರಿಸಿ.
5. ಜಾಹೀರಾತು ಸಂಸ್ಥೆಗಳ ಪಾತ್ರವನ್ನು ವಿವರಿಸಿ.
6. ಅಂತರ್ಜಾಲ ಜಾಹೀರಾತಿನ ವಿಧಗಳನ್ನು ವಿವರಿಸಿ.



ವಿಭಾಗ - ಇ

ಬೇಕಾದ ಮೂರು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿರಿ. ಪ್ರತಿ ಉತ್ತರಕ್ಕೆ 10 ಅಂಕಗಳು. ಪ್ರಶ್ನೆ ಸಂಖ್ಯೆ 11 ಕಡ್ಡಾಯ (ಪ್ರಕರಣ-ಅಧ್ಯಯನ).

(3×10=30)

7. ಜಾಹೀರಾತು ಪ್ರತಿಗಳ ಮುಖ್ಯವಾದ ಅಂಶಗಳನ್ನು ವಿವರಿಸಿ.
8. ಜಾಹೀರಾತಿನ ಪರಿಣಾಮಕಾರಿತ್ವದ ಮೌಲ್ಯಮಾಪನದ ಪೂರ್ವ ಮತ್ತು ನಂತರದ ಪರೀಕ್ಷಾ ವಿಧಾನಗಳನ್ನು ವಿವರಿಸಿ.
9. ಜಾಹೀರಾತಿನ ಅನುಕೂಲ ಹಾಗೂ ಅನಾನುಕೂಲಗಳನ್ನು ವಿವರಿಸಿ.
10. ಜಾಹೀರಾತು ಮಾಧ್ಯಮಗಳ ಆಯ್ಕೆಯನ್ನು ನಿರ್ಧರಿಸುವ ಅಂಶಗಳನ್ನು ವಿವರಿಸಿ.
11. ಪ್ರಕರಣ ಅಧ್ಯಯನ (ಕಡ್ಡಾಯ) :

ನಿಸರ್ಗ ಇ-ಬೈಕ್ಸ್ ಲಿ. ಸಂಸ್ಥೆಯು ವಿದ್ಯುಚ್ಛಾಲಿತ ವಾಹನಗಳ ತಯಾರಿ ಹಾಗೂ ಮಾರಾಟವನ್ನು ಮಾಡುತ್ತದೆ. ಜಾಹೀರಾತು ತಜ್ಞರಾಗಿ ಸಂಸ್ಥೆಗೆ ತನ್ನ ವಿದ್ಯುಚ್ಛಾಲಿತ ವಾಹನಗಳ ಜಾಹೀರಾತು ಕೈಗೊಳ್ಳಲು ಉತ್ತಮವಾದ ಸಾಮಾಜಿಕ ಮಾಧ್ಯಮ ವೇದಿಕೆಯನ್ನು ತಿಳಿಸಿ. ನಿಮ್ಮ ಸಲಹೆಯನ್ನು ಸಮರ್ಥಿಸಿ.

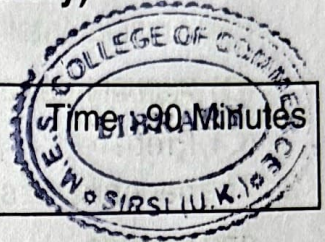
003CSC061 – O – 25 – 4661



THIRD SEMESTER ALL U.G. (NEP) DEGREE EXAMINATION, JANUARY 2026
ARTIFICIAL INTELLIGENCE (SEC) (Mandatory)

Total No. of Questions : 30

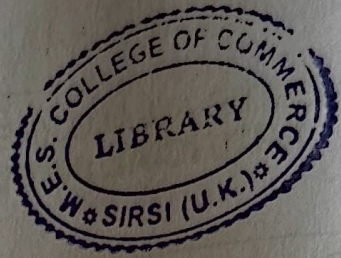
Maximum : 30 Marks



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 Black/Blue Ball Pen in the OMR sheet.
5. Each correct answer carries **1** mark and no negative mark for unattended questions/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 instruction is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the summary disqualification of the Candidate.
8. Mobile phones are not allowed in the exam hall.
9. Simple calculators are allowed but not scientific calculators.

[P.T.O.]

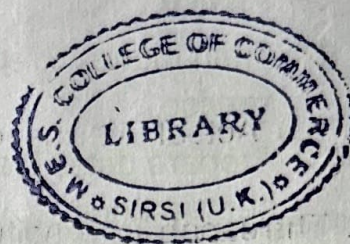


1. AI stands for
 - (A) Art of Intelligence
 - (B) All Intelligence
 - (C) Artificial Intelligence
 - (D) Actual Intelligence
2. The capability of software to interpret the world visually through cameras, video, and images
 - (A) Machine learning
 - (B) Anomaly detection
 - (C) Computer vision
 - (D) None of the above
3. Which of the following is the branch of Artificial Intelligence ?
 - (A) Machine Learning
 - (B) Cyber forensics
 - (C) Full-Stack Developer
 - (D) Network Design
4. What is the goal of Artificial Intelligence ?
 - (A) To solve artificial problems
 - (B) To extract scientific causes
 - (C) To explain various sorts of intelligence
 - (D) To solve real-world problems
5. Which of the following is an application of Artificial Intelligence ?
 - (A) It helps to exploit vulnerabilities to secure the firm
 - (B) Language understanding and problem-solving (Text analytics and NLP)
 - (C) Easy to create a website
 - (D) It helps to deploy applications on the cloud



6. Which of the following technique extract information from scanned documents such as letters, invoices or forms ?

- (A) OCR
- (B) OMR
- (C) OTR
- (D) None of the above



7. NLP enables you to create software that can

- (A) Analyze and interpret text in documents, email messages and other sources
- (B) Interpret spoken language and synthesize speech responses
- (C) Automatically translate spoken or written phrases between languages
- (D) All of the above

8. Azure Bot provide a service to

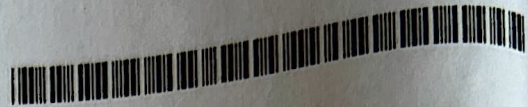
- (A) Web chat
- (B) Email
- (C) Messaging
- (D) None of the above

9. You want to create a model to predict sales of ice cream based on historic data that includes daily ice cream sales totals and weather measurements. Which Azure service should you use ?

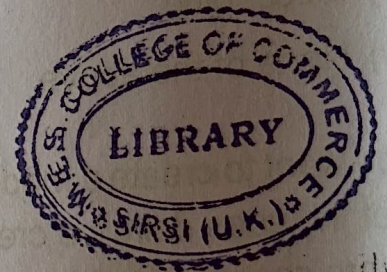
- (A) Azure Machine learning
- (B) Azure Bot
- (C) Language
- (D) None of the above

10. In POWER BI we can do

- (A) Visualize Data
- (B) Model Data
- (C) Data Analysis
- (D) All of the above

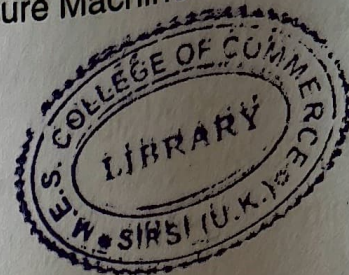


11. Steps involved in Machine learning is
- (A) Prepare data, Train model, Evaluate performance, Deploy a predictive service
 - (B) Train model, Prepare data, Evaluate performance, Deploy a predictive service
 - (C) Prepare data, Train model, Deploy a predictive service, Evaluate performance
 - (D) Evaluate performance, Prepare data, Train model, Deploy a predictive service
12. In how many categories process of Artificial Intelligence is categorized ?
- (A) categorized into 5 categories
 - (B) processes are categorized based on the input provided
 - (C) categorized into 3 categories
 - (D) process is not categorized
13. Based on which of the following parameter Artificial Intelligence is categorized ?
- (A) Based on functionally only
 - (B) Based on capabilities only
 - (C) Based on capabilities and functionally
 - (D) It is not categorized
14. Which of the following is a component of Artificial Intelligence ?
- (A) Learning
 - (B) Training
 - (C) Designing
 - (D) Puzzling
15. What is the function of an Artificial Intelligence "Agent" ?
- (A) Mapping of goal sequence to an action
 - (B) Work without the direct interference of the people
 - (C) Mapping of precept sequence to an action
 - (D) Mapping of environment sequence to an action





16. Which of the following is not a type of Artificial Intelligence agent ?
- (A) Learning AI agent
 - (B) Goal-based AI agent
 - (C) Simple reflex AI agent
 - (D) Unity-based AI agent
17. Which of the following is not the commonly used programming language for Artificial Intelligence ?
- (A) Perl
 - (B) Java
 - (C) PROLOG
 - (D) LISP
18. What is an AI 'agent' ?
- (A) Takes input from the surroundings and uses its intelligence and performs the desired operations
 - (B) An embedded program controlling line following robot
 - (C) Perceives its environment through sensors and acting upon that environment through actuators
 - (D) All of the above
19. What does the Bayesian network provide ?
- (A) Partial description of the domain
 - (B) Complete description of the problem
 - (C) Complete description of the domain
 - (D) None of the above
20. What is the total number of quantification available in artificial intelligence ?
- (A) 4
 - (B) 3
 - (C) 1
 - (D) 2



21. What are the main features and capabilities of Azure Machine learning ?
- (A) Pipelines
 - (B) Automated machine learning
 - (C) Azure Machine learning designer
 - (D) All of the above
22. What are the four typical steps of data transformation for model training ?
- (A) Feature selection
 - (B) Finding and removing data outliers
 - (C) Impute missing values
 - (D) All of the above
23. What is the name of the Artificial Intelligence system developed by Daniel Bobrow ?
- (A) program known as BACON
 - (B) system known as STUDENT
 - (C) program known as SHRDLU
 - (D) system known as SIMD
24. Which of the following machine requires input from the humans but can interpret the outputs themselves ?
- (A) Actuators
 - (B) Sensor
 - (C) Agents
 - (D) AI system
25. The total number of proposition symbols in AI are
- (A) 3 proposition symbols
 - (B) 1 proposition symbol
 - (C) 2 proposition symbols
 - (D) No proposition symbol



26. Face Recognition system is based on which type of approach ?
- (A) Weak AI approach
 - (B) Applied AI approach
 - (C) Cognitive AI approach
 - (D) Strong AI approach
27. Which of the following can improve the performance of an AI agent ?
- (A) Perceiving
 - (B) Learning
 - (C) Observing
 - (D) All of the above
28. In which year was Azure launched ?
- (A) 2010
 - (B) 2011
 - (C) 2012
 - (D) 2013
29. Which of the following areas can contribute to build an intelligent system ?
- (A) Biology
 - (B) Sociology
 - (C) Philosophy
 - (D) All of the above
30. Which of the following is type/s of storage modes in Power BI ?
- (A) Import
 - (B) DirectQuery
 - (C) Dual (Composite)
 - (D) All of the above
-