

Exam. Code : 108501

Subject Code : 2092

B.Com. 1st Semester
ENGLISH (Compulsory)
Paper—BCG-101

Time Allowed—Three Hours] [Maximum Marks—50

Note :—Students are required to attempt **FIVE** questions in all, selecting at least **ONE** from each section. The **fifth** question may be attempted from any section.

SECTION—A

1. (A) Put the Verb in correct form past continuous or past simple :

(I) Sam _____ (take) a picture of me while I _____ (not/look).

(II) When I was young, I _____ (want) to be a pilot.

(III) How fast _____ (you/drive) when the accident (happen) ?

(B) Correct the sentences wherever necessary :

(I) Lucy has left the school in 1999. _____

(II) Where have you been yesterday evening ?

(III) I am looking for Mike. Have you seen him ?

(C) Complete the sentences using **can** or **(be) able to** :

(I) Nicole _____ drive but she doesn't have a car.

(II) I can't understand Mark. I've never _____ understand him.

(III) Ask Katherine about your problem. She might _____ help you.

(IV) I haven't _____ sleep very well recently.

1×10=10

2. (A) Complete the sentences. Put the verbs in correct form, positive or negative :

(I) We were very tired, so we _____ the party early. (leave)

(II) The hotel wasn't very expensive. It _____ very much to stay there. (cost)

(III) I was in hurry, so I _____ time to phone you. (have)

(B) Put in **must** or **can't** :

(I) That restaurant _____ be very good. It is always full of people.

(II) That restaurant _____ be very good. It is always empty.

(III) Bill and Sue always stay at luxury hotels, so they _____ be short of money.

(IV) You got here very quickly. You _____ have walked very fast.

(C) Complete the sentences using **have to/has to/had to** :

(I) I don't have much time. _____ soon.
(I/go)

(II) How is Paul enjoying his job ? _____ a lot.
(he/travel)

(III) There was nobody to help me. _____ everything by myself.
(I/do)

1×10=10

SECTION—B

3. (A) Write a paragraph on any **ONE** of the following topics :

(I) Environmental Pollution

(II) Sports and India.

1×5=5

(B) Put the verb into the correct form, present simple or past simple, active or passive :

(I) I was born in London but I _____ (grow up) in Canada.

(II) While I was on holiday, my camera _____ (steal) from my hotel room.

(C) Put the verbs in correct order :

(I) serviced / her car / Sarah / once a year / has

(II) had / in the kitchen / fitted / some new cupboards / we've

(III) my eyes / I / two years ago / had / tested / the last time / was

1×5=5

4. (A) Write a paragraph on any **ONE** of the following topics :

(I) Advantages of Social Media

(II) The Key to Success.

1×5=5

(B) Put the verb into correct form :

(I) I don't think Carry and Emma will get married. I _____ (be) amazed if they did.

(II) Don't lend Amy your car. If she _____ (ask) me, I wouldn't lend her mine.

(III) What would you do if you _____ (be) in a lift and it _____ (stop) between floors ?

(IV) If the computer factory closed down, many people _____ (lose) their jobs.

(V) I'd be very scared if somebody _____ (point) a gun at me.

1×5=5

SECTION—C

5. Write a character sketch of Iona.

10

6. (A) How does Mrs. Orielle succeed in getting claim from the insurance company ?

5

(B) What is author's attitude towards Gheesu and Madhav ?

5

SECTION—D

7. (A) In what way does a spendthrift lack balance and perspective ?

5

(B) What does the declaration expect from the individuals by way of duties ?

5

8. When and why did Grimsdyke become discontented with his life ?

10

Exam. Code : 108501

Subject Code : 2093

B.Com. 1st Semester

PUNJABI (Compulsory)

Paper : BCG-102 (i)

Time Allowed—3 Hours]

[Maximum Marks—50

ਨੋਟ : ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹਨ। ਹਰੇਕ ਭਾਗ ਵਿੱਚ ਦੋ ਪ੍ਰਸ਼ਨ ਹਨ ਜਿਨ੍ਹਾਂ ਵਿੱਚੋਂ ਇੱਕ ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੈ। ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।

ਭਾਗ—ਪਹਿਲਾ

1. ਅੰਮ੍ਰਿਤਾ ਪ੍ਰੀਤਮ ਦੇ ਜੀਵਨ 'ਤੇ ਚਾਨਣਾ ਪਾਉਂਦੇ ਹੋਏ 'ਦੋ ਰੰਗ' ਪੁਸਤਕ ਵਿੱਚ ਸ਼ਾਮਲ 'ਬਾਰਾਂ ਮਾਹ' ਕਵਿਤਾ ਦਾ ਵਿਸ਼ਾ-ਵਸਤੂ ਲਿਖੋ।

10

2. ਨਿਮਨਲਿਖਤ ਦੋਵੇਂ ਬੰਦਾਂ ਦੀ ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ ਕਰੋ :

(ੳ) ਬਾਬੇ ਨਾਨਕ ਦੀਏ ਵਡਿਆਈਏ!

ਬੁਲ੍ਹੇ ਸ਼ਾਹ ਦੀਏ ਸਿਰ ਤੇ ਚਾਈਏ!

ਫੇਰੇ ਦਿਨ ਤੇਰੇ ਸਿਰਜਣਹਾਰ ਨੇ,

ਸਿਦਕਾਂ ਵਾਲਿਆਂ ਦੇ ਬੇੜੇ ਪਾਰ ਨੇ।

(ਅ) ਸੁਣਿਉਂ ਵੇ ਕਲਮਾਂ ਵਾਲਿਉ
 ਸੁਣਿਉਂ ਵੇ ਅਕਲਾਂ ਵਾਲਿਉ
 ਸੁਣਿਉਂ ਵੇ ਹੁਨਰਾਂ ਵਾਲਿਉ
 ਹੈ ਅੱਖ ਚੁਭੀ ਅਮਨ ਦੀ
 ਆਇਉ ਵੇ ਫੂਕਾਂ ਮਾਰਿਉ
 ਇੱਕ ਦੋਸਤੀ ਦੇ ਜ਼ਖਮ ਤੇ
 ਸਾਂਝਾਂ ਦਾ ਲੋਗੜ ਬੰਨ੍ਹ ਕੇ
 ਸਮਿਆਂ ਦੀ ਥੋਹਰ ਪੀੜ ਕੇ
 ਦੁੱਧ! ਦਾ ਛੱਟਾ ਮਾਰਿਉ।

5+5=10

ਭਾਗ—ਦੂਜਾ

3. ਪ੍ਰਿੰਸੀਪਲ ਤੇਜਾ ਸਿੰਘ ਰਚਿਤ 'ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ' ਦੀ ਜੀਵਨੀ ਦਾ ਸਾਰ ਲਿਖੋ। 10
4. ਪ੍ਰੋ. ਵਰਿਆਮ ਸਿੰਘ ਰਚਿਤ 'ਰਾਣੀ ਲਕਸ਼ਮੀ ਬਾਈ ਝਾਂਸੀ' ਦੀ ਜੀਵਨੀ ਵਿੱਚੋਂ ਨਾਇਕਾ ਬਿੰਬ ਉਭਾਰੋ। 10

ਭਾਗ—ਤੀਜਾ

5. ਨਿਮਨਲਿਖਤ ਵਿਸ਼ਿਆਂ ਵਿੱਚੋਂ ਕਿਸੇ ਇੱਕ ਵਿਸ਼ੇ 'ਤੇ ਪੈਰਾ ਰਚਨਾ ਕਰੋ :
 (ੳ) ਨੌਜਵਾਨ ਪੀੜ੍ਹੀ ਅਤੇ ਨਸ਼ਿਆਂ ਦਾ ਰੁਝਾਨ
 (ਅ) ਸਿੱਖਿਆ ਦਾ ਵਪਾਰੀਕਰਨ
 (ੲ) ਵਾਤਾਵਰਣ ਪ੍ਰਦੂਸ਼ਣ। 10

6. ਨਿਮਨਲਿਖਤ ਪੈਰਾ ਪੜ੍ਹ ਕੇ ਹੇਠ ਲਿਖੇ ਸਵਾਲਾਂ ਦੇ ਜਵਾਬ ਦਿਉ :

ਮਾਂ ਦੇ ਗਰਭ ਵਿੱਚ ਪੱਕਣ ਵਾਲਾ ਅੰਡਾ ਇੱਕ ਦਿਨ ਲਹੂ-ਹੱਡ-ਮਾਸ ਦੇ ਪੁਤਲੇ ਦਾ ਰੂਪ ਧਾਰ ਕੇ ਮਮਤਾ ਦੀ ਮੂਰਤ ਮਾਂ ਦੀ ਛਾਤੀ ਤੋਂ ਆਪਣਾ ਪਹਿਲਾ ਆਹਾਰ ਪ੍ਰਾਪਤ ਕਰਦਾ ਹੈ। ਮਾਂ ਦੀ ਯੋਗ ਅਗਵਾਈ ਵਿੱਚ ਅਸੀਮ ਤੇ ਪਾਕ ਪਿਆਰ-ਦੁਲਾਰ, ਪਾਲਣ-ਪੋਸ਼ਣ, ਸੁਰੱਖਿਆ ਅਤੇ ਆਹਾਰ ਲੈ ਕੇ ਉਹ ਹੌਲੀ-ਹੌਲੀ ਵਧਣ-ਫੁੱਲਣ ਲੱਗਦਾ ਹੈ। ਬਾਲ ਦੀ ਸ਼ਖਸੀਅਤ ਉਸਾਰੀ ਵਿੱਚ ਮਾਂ ਦੀ ਵੱਡੀ ਭੂਮਿਕਾ ਹੁੰਦੀ ਹੈ। ਬਾਲ ਦੇ ਪਾਲਣ ਵਿੱਚ ਭਾਵੇਂ ਪਿਤਾ ਦੇ ਯੋਗਦਾਨ ਨੂੰ ਵੀ ਅੱਖੋਂ ਪਰੋਖੇ ਨਹੀਂ ਕਰਨਾ ਬਣਦਾ ਫਿਰ ਵੀ ਪਰ-ਨਿਰਭਰ ਬਾਲ ਲਈ ਮਾਂ ਤੋਂ ਬਿਨ੍ਹਾਂ, ਉਸਦਾ ਪਾਲਣ-ਪੋਸ਼ਣ ਮਾਂ ਵਾਂਗ ਹੋਰ ਕੋਈ ਨਹੀਂ ਕਰ ਸਕਦਾ। ਅਜਿਹਾ ਨਹੀਂ ਕਿ ਬੱਚਾ ਮਾਪਿਆਂ ਦੇ ਆਪਣੇ ਪ੍ਰਤੀ ਪਿਆਰ ਭਾਵ ਨੂੰ ਮਹਿਸੂਸ ਨਹੀਂ ਕਰਦਾ ਸਗੋਂ ਉਹ ਤਾਂ ਉਨ੍ਹਾਂ ਦੇ ਸਮਰਪਣ ਵਾਲੇ ਪਿਆਰ ਤੋਂ ਸੁਰੱਖਿਆ ਅਤੇ ਆਨੰਦ ਮਹਿਸੂਸ ਕਰਦਾ ਹੈ। ਦੁਨੀਆਂ ਦੀ ਕੋਈ ਭਾਸ਼ਾ ਅਜਿਹੀ ਨਹੀਂ ਜਿਸ ਦੇ ਲੇਖਕਾਂ ਨੇ ਮਾਂ ਦੀ ਮਮਤਾ ਨੂੰ ਨਾ ਵਡਿਆਇਆ ਹੋਵੇ। ਪ੍ਰੋ. ਮੋਹਨ ਸਿੰਘ, ਗੁਰਬਖਸ਼ ਸਿੰਘ ਪ੍ਰੀਤਲੜੀ ਅਤੇ ਹੋਰ ਅਨੇਕ ਸਾਹਿਤਕਾਰਾਂ ਨੇ ਆਪੋ ਆਪਣੇ ਢੰਗ ਨਾਲ ਆਪਣੀਆਂ ਭਾਵਨਾਵਾਂ ਵਿਅਕਤ ਕਰਦੇ

ਹੋਏ ਲਿਖਿਆ ਹੈ ਕਿ ਮਾਂ ਦਾ ਰਿਣ ਉਤਾਰਨਾ ਕੋਈ ਸੌਖਾ ਕਾਰਜ ਨਹੀਂ ਹੈ। ਜਨਮਦਾਤੀ ਦੀ ਮਹਿਮਾ ਨੂੰ ਅੱਖੋਂ ਪਰੋਖੇ ਕਰਕੇ ਉਸ ਨੂੰ ਮਹਿਜ਼ ਬੱਚੇ ਜੰਮਣ ਵਾਲੀ ਮਸ਼ੀਨ ਕਹਿਣ ਵਾਲੇ ਸਾਡੇ ਸਭ ਲਈ ਤ੍ਰਿਸਕਾਰ ਦੇ ਪਾਤਰ ਹਨ।

(ੳ) ਉਪਰੋਕਤ ਪੈਰ੍ਹੇ ਦਾ ਢੁੱਕਵਾਂ ਸਿਰਲੇਖ ਲਿਖੋ।

(ਅ) ਲਕੀਰੇ ਸ਼ਬਦਾਂ ਦੇ ਅਰਥ ਲਿਖੋ।

(ੲ) ਬਾਲ ਦੀ ਸ਼ਖਸੀਅਤ ਉਸਾਰੀ ਵਿੱਚ ਮਾਂ ਦੀ ਕੀ ਭੂਮਿਕਾ ਹੈ ?

(ਸ) ਮਾਂ ਦਾ ਪਿਆਰ ਪਾ ਕੇ ਬੱਚਾ ਕਿਵੇਂ ਮਹਿਸੂਸ ਕਰਦਾ ਹੈ ?

(ਹ) ਮਾਂ ਬਾਰੇ ਲੇਖਕ ਕਿਹੋ ਜਿਹੀਆਂ ਭਾਵਨਾਵਾਂ ਵਿਅਕਤ ਕਰਦੇ ਹਨ ? 10

ਭਾਗ—ਚੌਥਾ

7. ਉਪ-ਭਾਸ਼ਾ ਕੀ ਹੁੰਦੀ ਹੈ ? ਮਾਝੀ ਉਪਭਾਸ਼ਾ ਦੇ ਖੇਤਰ ਅਤੇ ਭਾਸ਼ਾਈ ਲੱਛਣਾਂ ਬਾਰੇ ਚਰਚਾ ਕਰੋ। 10

8. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ 'ਤੇ ਨੋਟ ਲਿਖੋ। 10

Exam. Code : 108501

Subject Code : 2099

B.Com. 1st Semester

MUDHLI PUNJABI

Paper : BCG-102 (ii)

Time Allowed—3 Hours] [Maximum Marks—50

ਨੋਟ : ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹਨ। ਹਰੇਕ ਭਾਗ ਵਿੱਚੋਂ ਇੱਕ ਪ੍ਰਸ਼ਨ ਨੂੰ ਹੱਲ ਕਰਨਾ ਜ਼ਰੂਰੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।

ਭਾਗ—ਪਹਿਲਾ

1. ਗੁਰਮੁਖੀ ਵਰਣਮਾਲਾ ਦੀ ਤਰਤੀਬ ਲਿਖੋ। 10
2. ਪੈਰ ਵਿੱਚ ਪੈਣ ਵਾਲੇ ਵਰਣਾਂ ਦੇ ਉਚਾਰਨ ਤੇ ਵਰਤੋਂ ਬਾਰੇ ਚਰਚਾ ਕਰੋ। 10

ਭਾਗ—ਦੂਜਾ

3. ਸਾਧਾਰਨ ਸ਼ਬਦ ਦੀ ਬਣਤਰ ਬਾਰੇ ਉਦਾਹਰਨਾਂ ਸਹਿਤ ਜਾਣਕਾਰੀ ਦਿਉ। 10
4. ਸੰਯੁਕਤ ਸ਼ਬਦ ਦੀਆਂ ਕਿਸਮਾਂ ਬਾਰੇ ਉਦਾਹਰਨਾਂ ਸਹਿਤ ਚਰਚਾ ਕਰੋ। 10

ਭਾਗ—ਤੀਜਾ

5. ਬਾਜ਼ਾਰ ਨਾਲ ਸੰਬੰਧਿਤ ਪੰਜਾਬੀ ਸ਼ਬਦਾਵਲੀ ਦੇ ਦਸ ਵਾਕ ਬਣਾਉ। 10
6. ਵਪਾਰ ਨਾਲ ਸੰਬੰਧਿਤ ਪੰਜਾਬੀ ਸ਼ਬਦਾਵਲੀ ਦੇ ਦਸ ਵਾਕ ਬਣਾਉ। 10

ਭਾਗ—ਚੌਥਾ

7. ਬਾਰ੍ਹਾਂ ਮਹੀਨਿਆਂ ਦੇ ਨਾਮ ਲਿਖੋ। 10
8. 21 ਤੋਂ 30 ਤੱਕ ਗਿਣਤੀ ਸ਼ਬਦਾਂ ਵਿੱਚ ਲਿਖੋ। 10

Exam. Code : 108501

Subject Code : 2094

B.Com. 1st Semester

FINANCIAL ACCOUNTING

Paper : BCG-103

Time Allowed—3 Hours] [Maximum Marks—50

Note :—(1) The candidates are allowed to use non scientific calculator.

(2) Attempt **five** questions, selecting at least **one** question each from Section. The **fifth** question may be attempted from any Section. All questions carry equal marks.

SECTION—A

1. What do you mean by accounting concepts ? How are accounting concepts different from accounting conventions ?
2. What do you understand by Financial Accounting ? Explain its nature and scope.

SECTION—B

3. Explain the specimen Proforma of Trading and Profit and Loss Account and Balance Sheet under concept of sole proprietorship.

4. XYZ Ltd. commenced a voyage on 1st October, 2018 from Mumbai to Chennai. The details of complete voyage i.e. Mumbai to Chennai and back to Mumbai were as follows :

Coal consumption	70,000
Port charges	14,000
Depreciation	40,000
Sundry expenses	4,000
Wages	8,000
Freight	4,00,000
Stock consumed	30,000
Salaries	48,000
Insurance-Ship	40,000
Insurance-Freight	16,000

Primage and address commission are 10% and 5% respectively. Freight relating to the return journey amounted to Rs. 1,20,000 only. The accounts are closed on 31st December. The ship was on her half way back to Mumbai on the date of closing the accounts; prepare voyage account up to 31st December, 2018.

SECTION—C

5. Arjun and Sham entered into a joint venture sharing profits and losses in the ratio of 3:2. They opened a joint bank account by depositing Rs. 40,000 each. Arjun purchased 800 kgs of A grade tea at Rs. 60 per kg and his expenses were Rs. 13,000. Sham purchased 400 kgs of B grade tea at Rs. 55 per kg and his expenses were Rs. 11,000. Expenses were met from private sources; purchases were met from Joint Bank Account.

Sham sold 600 kgs of A grade tea at Rs. 100 per kg and his selling expenses were Rs. 5,500. Ram sold 300 kgs of B grade tea at Rs. 110 per kg and his selling expenses were Rs. 6,000. All the proceeds were deposited in the Joint Bank Account and expenses were met by private sources.

Write up Joint Venture Account and Joint Bank Account assuming that, the stock with the respective ventures was purchased by them at cost plus expenses thereon.

6. What do you mean by consignment account ? Briefly explain the treatment of commission, normal loss and abnormal loss under consignment account.

SECTION—D

7. What do you mean by departmental accounts ? Explain its objectives.
8. Ram and Rahim have a branch at Chennai. Goods are invoiced at 25% above cost to branch. From the following transactions prepare branch account in the head office books :

Stock at branch at invoice price as on 1-1-2014	7,600
Debtors at branch on 31-12-2014	4,800
Goods sent to branch at invoice price	58,000
Cash sales (cash remitted to head office)	24,000
Credit sales	46,000
Cash received from branch debtor remitted to head office	43,000
Discount to debtors	2,600
Bad debts at branch	1,800
Branch expenses remitted by head office :	
Salaries	2,000
Rent	5,000
Trade expenses	2,500
Goods returned at head office	4,500
Stock at branch at invoice price on 31-12-2014	3,600

Exam. Code : 108501

Subject Code : 2095

B.Com. 1st Semester

BUSINESS ORGANIZATION

Paper : BCG-104

Time Allowed—3 Hours] [Maximum Marks—50

Note :—Attempt five questions, selecting at least one question each from Section. The fifth question may be attempted from any Section. All questions carry equal marks.

SECTION—A

1. Explain the following :
 - (a) Business vs. profession
 - (b) Characteristics of business.
2. Explain the need of social responsibility. Discuss the social responsibility of the business towards various interest groups.

SECTION—B

3. Define business organisation. Discuss the considerations to be kept in mind while selecting the choice of organisations.
4. What is a cooperative society ? Explain features and different types of cooperative societies.

SECTION—C

5. Explain the factors that should be considered while making decision regarding location of the enterprise.
6. Discuss the relevance of large scale operations as compared to the small scale operations for the industry.

SECTION—D

7. Discuss in detail various types of business combinations suitable for present digital era.
8. Explain the following :
 - (a) Trade Associations
 - (b) Trade Unions.

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Subject Code : 2096

B.Com. 1st Semester
BUSINESS COMMUNICATION
Paper : BCG-105

Time Allowed—3 Hours] [Maximum Marks—50

Note :—The paper consists of four Sections (A-D). Each Section consists of **two** questions carrying equal marks. Candidates are required to attempt **five** questions, selecting at least **one** question from each Section. The **fifth** question may be attempted from any Section.

SECTION—A

1. What are the basic models of Communication ? What are the 7Cs of effective Business Communication ?
2. What are the common barriers to Communication ? How can these be managed for successful Communication ?

SECTION—B

3. Why are presentation skills important ? Elaborate some of these presentation skills and how they contribute to effective presentations.
4. What are some of the common business manners which should be learnt for successful business ?

SECTION—C

5. Discuss and differentiate memos and notices as types of internal correspondence.
6. Write a follow up letter to your customer who has filed a complaint for poor quality of your products.

SECTION—D

7. Write a letter to the stock exchange informing about the appointment of new CEO of your company with effect from April 1.
8. Draft final appointment orders of the Senior Manager Sales for your company instructing him to join immediately.

Exam. Code : 108501

Subject Code : 2097

B.Com. 1st Semester

BUSINESS STATISTICS

Paper—BCG-106

Time Allowed—Three Hours] [Maximum Marks—50

Note :—Attempt any **FIVE** questions, selecting at least **ONE** question from each Section and the **fifth** question may be attempted from any section. Each question carries **10** marks.

SECTION—A

1. Define Statistics. Discuss the functions and limitations of Statistics.
2. (a) Calculate mode, given the following data-set :

Mid Value	5	15	25	35	45
Frequency	4	5	8	12	16
Mid Value	55	65	75	85	
Frequency	28	15	3	2	

-
- (b) Explain various measures of central tendency showing their advantages and disadvantages.

SECTION—B

3. Calculate (i) quartile deviation, (ii) standard deviation of wages from the following data :

Daily Wages (in Rs.)	35–36	36–37	37–38	38–39
No. of Persons	14	20	42	54
Daily Wages (in Rs.)	39–40	40–41	41–42	
No. of Persons	45	18	7	

4. Calculate the coefficient of correlation by Karl Pearson's method from the following data relating to overhead expenses and the cost of production :

Overheads (In '000 Rs.)	80	90	100	110	120
Cost ('000 Rs.)	15	19	16	19	17
Overheads (In '000 Rs.)	130	140	150	160	
Cost ('000 Rs.)	18	16	18	15	

SECTION—C

5. What do you mean by index numbers ? Discuss its uses. Also explain the problems faced while computing index numbers.
6. Compute Fisher's ideal index number from the data given below and check whether the time reversal test is satisfied :

Commodity	Base Year		Current Year	
	Price	Quantity	Price	Quantity
A	2	7	6	6
B	3	6	2	3
C	4	5	8	5
D	5	4	2	4

SECTION—D

7. For the following series of observations, verify that the 6-yearly centred moving average is equivalent to a 7-yearly weighted moving average with weights 1, 2, 2, 2, 2, 2, 1 respectively :

Year	2000	2001	2002	2003
Sales (in lakhs)	2	4	3	6
Year	2004	2005	2006	2007
Sales (in lakhs)	7	9	4	6
Year	2008	2009	2010	
Sales (in lakhs)	7	8	10	

8. (a) Define probability. Discuss additive theorem of probability.
- (b) A test consists of five questions, and to pass the test, a student has to answer at least four questions correctly. Each question has three possible answers, of which only one is correct. If a student guesses on each question, what is the probability that the student will pass the test ?

Exam. Code : 108501

Subject Code : 2098

B.Com. 1st Semester

COMPUTER FUNDAMENTALS

Paper : BCG-107

Time Allowed—3 Hours]

[Maximum Marks—50

Note :—Attempt total **five** questions by selecting at least **one** question from each Section, **fifth** question may be attempted from any Section. Each question carries equal marks.

SECTION—A

1. Draw the block diagram of computer. Explain its memory unit.
2. Explain the working of following with their features :
 - (a) Supercomputer
 - (b) Mainframe Computer.

SECTION—B

3. How the data is processed in computer ? What is the difference between data and information ? Explain the computerisation of Healthcare.
4. Explain the role of computer in following :
 - (a) Industry and Engineering
 - (b) Office Automation.

SECTION—C

5. Explain the working with its difference of MICR, OCR and OMR.
6. Explain the working of any two output devices with their diagram.

SECTION—D

7. (a) What is software ? Explain the various types of software.
(b) What is operating system ? Explain the features and functionality of it.
8. (a) What is booting ? Are there any types of booting ? Explain the booting process.
(b) How the internal commands of DOS are different from external commands ? Write any five external DOS commands with an example of each.

Exam. Code : 108501
Subject Code : 2100

B.Com. 1st Semester
DRUG ABUSE : PROBLEM, MANAGEMENT AND
PREVENTION
(Problem of Drug Abuse)

Time Allowed—Three Hours] [Maximum Marks—50

Note :—There are **EIGHT** long answer type questions of equal marks. Candidates are required to attempt **FIVE** questions, selecting at least **ONE** question from each Section. The **fifth** question may be attempted from any Section. (5×10=50)

SECTION—A

1. Write the types of Drugs on Social Basis.
2. Define reasons behind the increase of drug abuse in India.

SECTION—B

3. Write a note on the consequences of Drug Abuse for society.
4. What is problem of Drug Abuse in Punjab ?

SECTION—C

5. What is the role of Drug De-addiction Centres for the prevention of Drug Abuse ?
6. How drug abuse is becoming a threat to the school and college going students ?

SECTION—D

7. Write a note on the Family Support in the prevention of Drug Abuse.
8. How internal and exterior environment affects Drug Abuse ?