

Time: 1 1/2 hour)

XIth com

Max. Mark's 50

Q1. Attempt the following:

18

1. Find area of sector of circle having radius 12cm and angle 30 degrees at the centre.
2. Eliminate θ , if $x = \sec \theta$ and $y = \tan \theta$
3. Find a and b, if $a+ib = (2+i)^3$
4. Find the equation of circle having radius 7cm and centre at origin
5. Find D_5 for the following data:
7,3,4,4,5,5,4,4,4,2
6. Find range and co efficient of the following data:
2,3,7,8,1,8,9
7. Find x if $\log(x-a)=0$
8. Evaluate 5P_5 and 5P_0
9. Find x if ${}^{20}C_{x-1} = {}^{20}C_{2x}$

XI Com. Maths

24/10/16

Ist section

Q2. Attempt any four of the following:

16

1. In ΔABC , angles are in the ratio 3:7:8, then find angles in radian and degrees.
2. If $\tan \theta = \frac{1}{\sqrt{7}}$, then find $\sin \theta$ and $\cos \theta$, where θ in first quadrant
3. Find x and y if $(2+i)x - (1-i)y = 3+3i$
4. Find the equation of locus of point p, which is equidistance from the points $A=(1,3)$ and $B=(2,7)$
5. In a circle of radius 9cm an arc subtended angle of 100 degrees at the centre. Find the length of the arc and area of the corresponding sector.

Q3. Attempt any four of the following:

16

1. Find P_{60} for the following data:

Class	0-15	15-30	30-45	45-60	60-75
Frequency	8	10	12	13	7

2. Find standard deviation for the following date:

x	0	1	2	3	4
f	2	5	8	4	1

3. Find x, if $\log(3x+2) - \log(3x-2) = \log 5$
4. Find r, if ${}^{15}P_r : {}^{16}P_r = 3:4$
5. How many ways 5 boys and 3 girls are to be arranged in a row such that no two girls are adjacent to each other.

TERMINAL EXAM
Book-Keeping and Accountancy - STD XI

MARKS: 50
TIME: 1 ½ Hrs.

Note: (1) All Questions are compulsory
(2) Neatness carries marks

QIA: Fill in the blanks

Marks: 5

1. Every debit has a corresponding _____
2. The amount withdrawn by a trader for personal use is debited to _____ A/c
3. Recording of transactions in a journal is called as _____
4. Irrecoverable debts are called as _____
5. Left hand side of an account is called _____ Side.

QIB: Match the following

Marks: 5

- | | |
|-------------------|--|
| 1. Journal | (A) Bank |
| 2. Trade Discount | (B) Transferring an entry from journal to ledger |
| 3. Capital A/c | (C) Transferring an entry from Ledger to journal |
| 4. Cheque | (D) Personal A/c |
| 5. Posting | (E) Book prime entry |
| | (F) Not shown in the books of A/cs |
| | (G) Real A/c |
| | (H) Book of Secondary entry |

QII: Classify the following into Personal A/c, Real A/c or Nominal A/c

Marks: 5

- | | |
|-----------------------|----------------------------|
| (1) Brokerage A/c | (6) Investment A/c |
| (2) Trade Marks A/c | (7) Income Tax A/c |
| (3) Bank of India A/c | (8) Prepaid Rent A/c |
| (4) Furniture A/c | (9) Outstanding Salary A/c |
| (5) Interest A/c | (10) Drawings A/c |

QIII: Explain the following terms

Marks: 10

- | | | |
|-----------------|---------------|--------------|
| (1) Goodwill | (2) Capital | (3) Solvent |
| (4) Casting | (5) Assets | (6) Goods |
| (7) Transaction | (8) Livestock | (9) Discount |
| (10) Narration | | |

QIV: Record the following transactions in the Journal of Mr Bhagwandas for the month of August 2016.

Marks: 15

2016:

- Aug 1: Commenced business with cash ₹100,000, Furniture worth ₹25000 and Machinery worth ₹15,000.
 Aug 2: Deposited ₹80,000 in State Bank of India and opened a current A/c
 Aug 3: Purchased goods from Narayan ₹20,000
 Aug 4: Sold goods of ₹20,000 to Rehman & Sons at 10% T.D and 5% C.D on cash terms
 Aug 8: Paid for life insurance premium ₹3000 by cheque
 Aug 12: Paid commission to Sultan ₹1000
 Aug 15: Received Salary and Interest ₹8000 ~~and T.D~~ respectively in cash
 Aug 18: Purchased furniture worth ₹12,000 for office use

QV: Prepare the following Ledger A/c referring to QIV.

Marks: 10

- (1) Cash A/c
- (2) Bank of India A/c
- (3) Furniture A/c
- (4) Purchase A/c

Std.XI.

Commerce

Sub.O.c.m.

Marks. 50.

Q.No.1.(A). Fill in the blanks. (05)

1) Raw material is converted into finished product by industry.

(genetic, extractive, manufacturing)

2) Cottage industries are specialised in

(luxury goods, imported goods, consumers goods)

3) At least of the capital of government company is held by the

Government.

(51%, 71%, 95%)

4) Multinational corporations have a network of subsidiaries in

(several countries, home country, state only)

5) Joint venture is a partnership.

(temporary, permanent, infinite time)

(B) Match the pairs. (05)

1) Temeric production

a) Non economic activity.

2) Statutory company

b) Power shortage.

3) Business risk

c) Sangle.

4) Infrastructure problem

d) Established by passing a special act.

5) Morning walk

e) Insurance.

f) Primary industry.

Q.No.2. Distinguish between (any two) (10)

- 1) Industry and commerce.
- 2) Profession and employment.
- 3) Private sector organization and public sector organization.

Q.No.3. Write short note (any two) (10)

- 1) Social objectives of business.
- 2) Features of public enterprises.
- 3) Features of cottage industry.

Q.No.4. Write any two from the following (20)

- 1) Explain problems faced by small business in india ?
 - 2) What is multinational company (MNC'S) ? explain it's features.
 - 3) Discuss in detail different auxiliaries to trade ?
-

Q. I. A. Fill in the blanks 4

1. Economic growth without _____ is possible. (Capital / Education / Economic development)
2. Family planning programme was introduced in the year _____. (1951 / 1921 / 1952)
3. Defective Education causes _____ unemployment. (Educated / technological / frictional)
4. Corruption Leads to _____. (Equality / inequality / balance)

Q. I. B. State whether the following statements are true or false. 4

1. There is no need for economic planning in India.
2. Frictional unemployment is temporary.
3. There is no poverty in urban areas.
4. Economic development is a smooth and simple process.

Q. I. C. Match the Column 4

Column 'A'	Column 'B'
1. Economic development	a. Profit motive
2. Relative poverty	b. Universal
3. Formulation of Economic planning	c. Developing countries
4. Privatisation	d. Planning commission
	e. Public sector
	f. Deliberate and planned

II. A. Distinguish Between. (any 3) 6

1. Economic Growth and Economic Development.
2. Birth rate and Death rate.
3. Absolute Poverty and Relative Poverty.
4. Rural Unemployment and Urban Unemployment.
5. Liberalisation and Privatisation.

Q.II. B Define or Explain the following. (any 2) 4

1. Terrorism 2. Structural Unemployment 3. Poverty Line 4. Economic planning

III. Answer the Following (any 2) 10

1. What are the features of Economic growth?
2. What are the types of urban unemployment?
3. Explain the causes of high birth rate in India?
4. What are the effects of Economic reforms on Industrial sector?

IV. Write Short Notes on the following. (any 2) 10

1. Causes of Poverty 2. Measures taken for Globalisation 3. Effects of population explosion.
4. Causes of Unemployment in India.

V. Long Answer. (any 1) 8

1. Explain the need for New Economic policy.
2. Explain the Objectives of Economic Planning.