

SVKM's
Narsee Monjee College of Commerce and Economics
(Autonomous)

F.Y.J.C I UNIT TEST, SEPTEMBER 2024

Subject: Mathematics & Statistics

Duration: $1\frac{1}{2}$ Hours

Date: 03.09.2024

Marks: 25

Q.1. Select and write the correct answer along with its roman numerals from the given alternatives in each of the following questions.

[07]

(i) If $z = -3 + 4i$ and $zw = -14 + 2i$ then w will be

- (a) $2 - 2i$ (b) $2 + 2i$ (c) $-2 + 2i$ (d) $-2 - 2i$

(ii) Find value of $x+y$ for the equation $x(1+i)^2 + y(2-i)^2 = 3 + 10i$ $x, y \in \mathbb{R}$

- (a) 8 (b) 6 (c) -6 (d) -8

(iii) The inclination of the line passing through the point $(5, 6)$ and the midpoint of the line joining the points $(4, -5)$ and $(-2, 9)$ is

- (a) 90 degrees (b) 30 degrees (c) 60 degrees (d) 45 degrees

(iv) Slope of a line L is $-\frac{1}{3}$. Which of the following line is perpendicular to the line L ?

- (a) $y + 2 = \frac{1}{3}x$ (b) $-2x + 6 = 6y$ (c) $9x - 3y = 27$ (d) $3x + y = 0$

(v) Keisha took a nationwide entrance test that is graded on a scale of 30 to 70. Keisha got one of the best scores recorded on this test

Column A

Column B

Keisha's Score

The percentile of Keisha's score

(a) The quantity in column A is greater.

(b) The quantity in column B is greater.

(c) The two quantities are equal.

(d) The relationship can't be determined for the data given.

(vi) Find the value of 'a' if the second quartile of the following data is 11.5.

7, 9, a, 12, 15, 17.

- (a) 11.5 (b) 11 (c) 10 (d) 10.5

(vii) The variance of the 19, 21, 23, 25, 27 is 8. The variance of 29, 31, 33, 35, 37 is

- (a) 18 (b) 2 (c) -2 (d) 8

[04]

Q.2. Solve the following. (2 Marks Each)

- (i) Given the points $A(5, -3)$, $B(-1, -5)$. Find the equation of the locus of the point P such that segment AB subtends a right ^{angle} at P .
- (ii) There are 40 values of some observation of variable x for which the summary is given below,
 $\sum(x - c) = 520$ where c is a constant.
 It is known to us that mean of these 40 values is 34.
 Find the value of c .

Q.3. Solve the following. (3 Marks Each)

[06]

- (i) $A(1, -2)$, $B(-2, 3)$ and $C(2, -5)$ are the vertices of triangle ABC . Find the equation of
 (a) line AC
 (b) altitude from A
 (c) median from B

- (ii) From the following distribution of 100 workers find the missing frequency if it's $P_{30} = 110$:

Daily Income (in rupees)	0-50	50-100	100-150	150-200	200-250
No. of Persons	7	?	25	30	?

Q.4. Solve the following. (4 Marks Each)

[08]

- (i) Find the value of $x^4 - 4x^3 + 4x^2 + 9x + 43$, if $x = 3 + 2i$.
- (ii) The mean and standard deviation of 20 values of x are 60 and 4 respectively.
 Find $\sum x$ and $\sum x^2$.
 Another 10 values of x are such that their sum is 550 and sum of their squares is 40,500.
 Find mean and Standard Deviation of all 30 values of x . (Given $\sqrt{357.89} = 18.92$)

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F.Y.J.C I UNIT TEST, SEPTEMBER 2024

Subject : French

Duration: 1 ½ hours

Date : 03/09/24

Marks: 25 Marks

Instructions: All Questions are compulsory.

Q.1) Complétez avec le(s) mot(s) juste(s)

(5)

1. _____ est l'emblème de la France.
2. Le jour entre jeudi et samedi est _____.
3. Le mois après janvier est _____.
4. _____ est une actrice française.
5. _____ est une montagne entre la France et L'Espagne.
6. Le troisième jour de la semaine est _____.
7. Les couleurs du drapeau français sont _____, blanc et rouge.
8. _____ est un pays voisin au sud de la France.
9. La fête nationale de la France est _____.
10. _____ est le symbole de la France.

Q.2) Grammaire et Vocabulaire.

(10)

(A) Conjuguez les verbes comme indiqué.

(3)

1. Elles _____ indiennes. (être- à l'affirmatif)
2. Mindy et moi _____ une voiture grise. (avoir- à l'interrogatif)
3. Vous _____ italien (être- au négatif)

(B) Complétez avec les articles.

1. Voilà _____ sœur de Rucha. Elle a _____ stylo noir.
2. _____ professeur est dans _____ classe.

(2)

(C) Mettez au pluriel

1. As- tu une gomme ?
2. Le directeur a un sac à dos.

(2)

(D) Complétez avec des prépositions.

1. Le chat est _____ la table.
2. Nous sommes _____ août.

(2)

(E) Donnez le contraire

- 1) Après 2) Devant

(1)

Q.3) (A) Quelle heure est-il ?

- 1) 4.30pm 2) 21h21 3) 6.47am

(3)

(B) Écrivez en lettres.

- 1) 29° 2) 3469. 3) 780

(3)

Q.4) Traduisez en français.

(4)

1. This is Emily, she is 15 years old.
2. Good evening , Are you Mr. Legrand ?
3. The house has a hall, bedroom, kitchen & a bathroom.
4. The French professor is not in the classroom

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F.Y.J.C FIRST UNIT TEST, SEP 2024

Subject : O. C. & M.

Duration: 90 minutes

Date : 5th September 2024

Marks:25

Instructions:

- All questions are compulsory.
- Start each of the 3 new questions on a new page.

Q1. Give one word / term for the given statements: [13 marks]

1. The uncertainties faced by businesses due to natural, political, economic and technical causes, on a constant basis.
2. The specific economic objective that brings novelty in the final product offer or a related area of business operations.
3. The specific type of manufacturing activity where the different parts of a product are produced separately and then fixed together to make the final product.
4. The broad group of industries that provide raw material and other basic inputs usually in the unprocessed form to other industries.
5. The system that helps spread losses caused due to risks, from a few unfortunate units to many who are exposed to the same risks.
6. The process of exchange of a product for a price.
7. The utility created when mangoes, harvested only in the summer months are sold through the entire year, as per demand.
8. The facility you may use, if you need funds to implement your business idea.
9. The middleman who sells products to end-users in very small quantities and in a wide range of varieties.
10. Re-export of imported goods, without any major processing.
11. The trade carried on within the political boundaries of a nation.
12. The set of terms and conditions agreed upon between the employer and the employee.
13. The type of industry under which, you would place the activity of collection of rubber from rubber trees in a forest.

Q2. Distinguish between the following: [4 marks]

1. Economic and Non-economic activity.

Q3. Answer in brief: [8 marks]

1. Why do you think, it is unwise for a business to focus only on profits at the cost of all other stakeholders' welfare?
2. Explain the operation of 'genetic industry' with the help of appropriate illustrations.

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F.Y.J.C. FIRST UNIT TEST, SEPTEMBER 2024

Subject: Book Keeping and Accountancy

Duration: 1.5 Hrs.

Date: 04/09/2024

Marks: 25

Instructions:

1. All questions are compulsory
2. Figures to the right indicates full marks.
3. Use of calculator not allowed.

Q.1 Answer in one sentence only.

(05 marks)

1. Who is a creditor for the business?
2. Explain concept of conservatism.
3. When Accounting Standard Board was constituted?
4. How Government has utility of Book Keeping records?
5. What is the significance of accounting equations?

Q.2 Classify following accounts into real, personal, and nominal accounts. Prepare table with following columns for classification,

Sr. No	Name of Account	Type of Account
--------	-----------------	-----------------

1. Capital Account
2. Machinery Account
3. Salary Account
4. ABC Fisheries Account
5. Computer Account
6. Loss By Fire Account
7. Pre received Commission Account
8. Building Account
9. Profit on Sale of Machinery Account
10. Accrued Wages Account

Q.3 From the following transactions of M/S Datt (05 marks)
Electronics Mart, dealing in electronic items, owned by
Mr. Kapil. You are required to prepare accounting
equations in a table with the following columns.

Sr. No.	Assets = Liabilities + Capital
---------	--------------------------------

1. Kapil started business with 7 Microwaves of Rs. 30,000/- each, 6 Air conditioners of Rs. 90,000/- each and 3 Refrigerators of Rs. 60,000/- each. He took loan from his father of Rs. 4,00,000/- on personal account, and introduced that cash into the business, by depositing Rs. 3,00,000/- in the bank account of the business and balance kept in cash box of the business.
2. Purchased 3 Air Frier costing Rs. 12,000/- each from supplier Mr Vinayak on credit. Supplier paid Rs. 4,000/- delivery charges on our behalf.
3. Sold 2 Microwaves at a profit of 10% on cost and 3 Air conditions at Rs. 1,20,000/- each to customer Mr. Shiv and he paid 60% of total dues through NEFT immediately.
4. Mr. Kapil donated a refrigerator worth Rs. 60,000/- to his Son's hostel and paid transportation of Rs. 2,000/- in cash.
5. Paid 50% of amount to Vinayak by cheque.

Q.4 Prepare a chart using the following columns, (10 marks)

Sr. No.	Accounts Involved	A/c to be Debited	A/c to be Credited	Debit Rs.	Credit Rs.
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This chart is to be prepared to show the analysis of the following transactions according to the traditional approach. Consider all transactions from the point of view of Mr. Vishnu's Business.

1. Vishnu started business with cash Rs. 80,000/-, Furniture Rs. 40,000/-, Bank Balance Rs. 90,000/- and Warehouse Rs. 1,00,000/-.

2. Purchased goods worth Rs. 30,000/- against cash.
3. Sold goods to Mr Shekhar worth Rs. 40,000/-. Shekhar paid for transportation of goods till his godown Rs. 900/-. We do not provide delivery of goods.
4. Vishnu exchanged his personal asset worth Rs. 1,05,000/- against goods for the business Rs. 90,000/-.
5. Paid Rs. 3,000/- for insurance premium for Life Insurance policy of Brother-in-Law of the owner from bank account of the business.
6. Paid salary Rs. 10,000/- in cash.
7. Received a cheque from Shekhar in full settlement.
8. Bought Delivery Van worth Rs. 90,000/- from Car Dealer's Company and paid 50% amount by cheque.
9. Received rent for Warehouse Rs. 12,000/- in bank account of the business.
10. Paid Rs. 1,500/- for repairing of Furniture in cash.

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F.Y.J.C UNIT TEST, AUGUST 2024

Subject : English
Date : 4th September 2024

Duration: 1 ½ hours

Marks: 25

Instructions:

- 1) Each activity has to be answered in complete sentences.
- 2) No marks would be awarded if only activity number is written.

I. Read the extract and answer the questions given below-

(8)

Laurie turned red again, but wasn't offended at being accused of bashfulness, for there was so much good will in Jo it was impossible not to take her blunt speeches as kindly as they were meant.

"Do you like your school?" asked the boy, changing the subject, after a little pause, during which he stared at the fire and Jo looked about her, well pleased.

"Don't go to school, I'm a businessman girl, I mean. I go to wait on my great-aunt, and a dear, cross old soul she is, too," answered Jo.

Laurie opened his mouth to ask another question, but remembering just in time that it wasn't manners to make too many inquiries into people's affairs, he shut it again, and looked uncomfortable. Jo liked his good breeding and didn't mind having a laugh at Aunt March, so she gave him a lively description of the fidgety old lady, her fat poodle, the parrot that talked Spanish, and the library where she revelled. Laurie enjoyed that immensely, and when she told about the prim old gentleman who came once to woo Aunt March, and in the middle of a fine speech, how Poll had tweaked his wig off to his great dismay, the boy lay back and laughed till the tears ran down his cheeks, and a maid popped her head in to see what was the matter.

"Oh! That does me no end of good. Tell on, please," he said, taking his face out of the sofa cushion, red and shining with merriment.

A1 State whether the following statements are True or False

2

- 1 Laurie was offended by Jo's remark of being bashful.
- 2 Jo's business was to wait for her aunt.
3. Laurie was a well-mannered boy.
4. Jo's Aunt March was a sweet old soul.

A2. Complete the following statement-

2

Laurie laughed uncontrollably because _____

2

A3. What does friendship mean to you? (Write in about 50 words)

2

A4 Grammar & Vocabulary-

1) Poll had tweaked his wig off to his great dismay.

(Change the Voice)

2) Write down synonyms from the passage which mean – joy, greatly

(6)

II. Read the extract and answer the questions given below-

I went away next year-

Spent a season in Kashmir-

Came back thinner, rather poor,

But richer by a cherry tree at my door.

Six feet high my own dark cherry,

And I could scarcely believe it-a berry

Ripened and jeweled in the sun,

Hung from a branch-just one!

And next year there were blossoms small

Pink, fragile, quick to fall

At the merest breath, the sleepest breeze...

I lay on the grass, at ease,

Looking up through leaves at the blue

Blind sky, at the finches as they flew

And flitted through the dappled green,

While bees in an ecstasy drank

Of nectar from each bloom and the sun sank

Swiftly, and the stars turned in the sky,

And moon-moths and singing crickets and I

Yes, I praised Night and Stars and tree:

That small, the cherry, grown by me.

Q1. The poet praised the cherry tree because_1) _____ 2

2) _____

Q2. Describe in about 50 words a beautiful sight that brought you joy. 2

Q3. Poetic devices-

1) Name and explain the figures of speech in - 1

Came back thinner, rather poor,

But richer by a cherry tree at my door.

2) Give two rhyming pairs of words. 1

III. Grammar & Vocabulary (7)

A) Do as directed-

1) He's reading ___ honest review of ___ book that received much acclaim last year. (Choose the option with appropriate articles and rewrite the sentence) 1

i.) A, a

ii) The, a

iii) An, a

iv) An, the

2) The new employee was struggling to keep up _____ the workload but was falling _____ schedule. 1

(Choose the correct option of prepositions and rewrite the sentence)

a) over/off

b) on / off

c) with / behind

d) through/ behind

3) Courage is sticking to your post in danger. (Choose the correct tense)

i. Simple Present Tense

ii. Present Continuous Tense

iii. Present Perfect Continuous Tense

iv. Past Continuous Tense

1

4) "I've never been to Paris", said Shriya.

(Choose the correct option of indirect speech from the following)

a) Shriya said that she never went to Paris.

b) Shriya says she has never been to Paris.

c) Shriya said that she had never been to Paris.

d) Shriya says she wasn't going to Paris.

5) Spot the error and correct the sentence-

One of his friends have taken his book.

6) a) Pick out the correct option giving meanings of the following words-

1

i. Wistfully- smartly/longingly/ quickly

ii bashful- anxious /nervous/shy

b) Rewrite the words using negative prefixes-

1

i. pleasant

ii courtesy

IV. Imagine you have to conduct an interview of an illustrious writer, Rahul Baksh. With the help of the points given below, draft eight questions . (4)

Name of the interviewee-

Field/Reputation-

Date/Venue/Time-

Duration of the interview-

Questions-

1) Reaction on receiving an award recently

2) Realization of goal

- 3) Role model
- 4) Initial work
- 5) Challenges
- 6) Accomplishments
- 7) Future plans
- 8) Message to other aspirants

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F.Y.J.C UNIT TEST, SEPTEMBER 2024

Subject: Economics

Duration: 1 1/2 HOUR

Date: 05/09/24

Marks: 25

Instructions: All questions are compulsory.

Q.1 Choose the correct option

5 marks

1) Key points on Kautilya's views on Economics:

- a) Crucial role of government.
- b) Need for efficient administrative machinery for good governance.
- c) Compilation of political ideas into social science.
- d) Capital and wealth accumulation.

Options:

- 1) a, b, c and d
- 2) a and b
- 3) a, b and d
- 4) c and d

2) Statements related to Economic growth that are incorrect.

- a) It is increase in real national income of the country.
- b) It is a broader concept.
- c) It is a unidimensional concept.
- d) It is deliberate.

Options:

- 1) a and c
- 2) b and d
- 3) a and b
- 4) c and d

3) Difficulties in barter system:

- a) Lack of common measure of value
- b) Indivisibility of certain goods
- c) Problem of double coincidence of wants
- d) Difficulties in storage of goods

Options:

- 1) a, b and c
- 2) a, b, c and d

3) b, c and d

4) a, c and d

4) Statements related to Paper money that are correct.

a) It was a substitute of metallic money.

b) It is issued by Government and Central Bank.

c) Risk of storing gave rise to bank money.

d) One rupee note and all coins are issued by the Government of India.

Options:

1) a, c and d

2) a, b, c and d

3) b, c and d

4) a, b and c

5) Key points of Welfare oriented definition:

a) It was given by Alfred Marshall.

b) Study of an ordinary man.

c) Means have alternative uses.

d) Economics is a behavioural science.

Options:

1) a, b, c and d

2) a, b and d

3) a and b

4) b and d

Q.2 Find the odd word

4 marks

1) Characteristics of Wealth:

Transferability, externality, stability, scarcity

2) Types of income:

Money income, unreal income, real income, fluctuating income

3) Basic concepts of Macro-economics :

Investment, economic activity, saving, national income

4) Factors of production:

Land, Labour, Interest, Entrepreneur

Q.3 Give economic term

4 marks

- 1) Left over income after payment of taxes.
- 2) Lowering down of economic activities in general.
- 3) Money of a particular denomination must be identical.
- 4) Income received from all sources without indulging in any productive activity.

Q.4 Answer the following question

4 marks

- 1) Explain the characteristics of wants.

Q.5 Answer in detail

8 marks

- 1) What is money? Explain the secondary and contingent functions of money.