Section –A
(Course book)

I.Answer any **Five** of the following questions in about two or three sentences each. **5X2=10**

1. What is the contract taken by the poet in 'Wall'?
2. How does the poet describe the flight of the free bird?
3. What was the cleaver gentleman's advice to the Son-in-law?
4. What kind of toys did Eleanor want want Harvey to buy for the children during Easter?
5. Why did Anasuya enjoy the rain?
6. What was the task given by the teacher in 'Cartooning'?
7. Give one reason for building Survanarekha dam.
8. How did Louis behave in 'Rule Britania'?

   II. Answer any **Four** of the following questions in about 80 to 100 words/a page each.
4 X5 =20

1. Describe the meeting between the Son-in-law and his wife and the wife's daughter.
2. What did Harvey see when he went back to the boys' room, to check how they were getting on with their peace toy?
3. Why did marriage become a faraway dream to Anasuya?
4. Write a note on the Gandhamardhan movement.
5. What steps did the Principal take when foreign dignitaries visited the school?
6. What are the fears of the caged bird as described in the poem?
7. What are the reflections of the poet about 'Walls'?

III. Answer any **One** of the following in about 200 to 250 words / 2 pages.   **1X10=10**

1. The walls are usually built but were in the poem the speaker is demolishing the 'wall'. Explain the paradox.
2. How has development destroyed the bonding between man and nature in 'Homeless in Global Village'?
3. Explain the theme on Money verses Relationships as evident in the story 'Money'?

Section – B
(Grammar and Comprehension)

IV. 1. Combine the following simple sentences into a complex sentence. **2 Marks**

a) He works hard. He must be careful not to overdo this.

b) The dog bayed at the moon. The moon sailed on calmly.

2. Combine the following simple sentences into a compound sentence. **2 Marks**

a) As a boy he learned many things. He remembers them.

b. It would be useless to continue my pursuit. I resolved to return.

3. Change the following declarative sentence into an interrogative sentence. **1 Marks.**

a) The student is listening to music.

4.Report the following paragraph. **3 Marks.**

"What does he do?" asked Eric.

"He sees to things connected with his Department," said Harvey. "This box with a slit in it is a ballot box. Votes are put into it at election times."

5. Fill in the blanks with suitable clauses. **2 Marks**

a) The Principal announced…......................

b) The Police caught the theif………………………..

V. Develop a dialogue between a green grocer and a housewife bargaining over a few vegetable. **5 Marks**

VI. Write an enquiry to 'Maruti Digitals' requesting them for details of printing your annual magazine. Provide details of the approximate number of pages, photos, cover page, the number of copies needed emphasizing on the need for supple in time.

5 Marks.

VII. Write the summary of the following paragraph **5Marks**

We all know what we mean by a "good" man. The ideally good man does not drink or smoke, avoids bad language, converses in the presence of men only exactly as he would if there were ladies present, attends church regularly and holds the correct opinion on all subjects. He has a wholesome horror of wrong-doing and realizes that it is our painful duty to castigate sin. He has a still greater horror of wrong thinking, and considers it the business of the authorities to safeguard the young against those who question the wisdom of the views generally accepted by middle-aged successful citizens. Apart from his professional duties, at which he is assiduous, he spends much time in good works: he may encourage patriotism and military training; he may promote industry, sobriety and virtue among wage earners and their children by seeing to it that failures in these respects receive due punishment; he may be a trustee of a university and prevent an ill-judged respect for learning from allowing the employment of professors with subversive ideas. Above all, of course, his "morals" in the narrow sense must be irreproachable. (189 words)

VIII. Read the following passage and answer the following questions **5 Marks**

There is a story of a man who thought he had a right to do what he liked. One day, this gentleman was walking along a busy road, spinning his walking-stick round and round in his hand, and was trying to look important. A man walking behind him objected.

"You ought not to spin your walking-stick round and round like that!" he said.

"I am free to do what I like with my walking-stick," argued the gentleman.

'Of course you are," said the other man, "but you ought to know that your freedom ends where my nose begins."

The story tells us that we can enjoy our rights and our freedom only if they do not interfere with other people's rights and freedom.

a) Answer the following in about a word, phrase or sentence each   **5 Marks**

1.   Why was the gentleman on the road moving his walking stick round and round?
2.   Who objected him?
3.   What argument did the gentleman give?
4.   Was the other satisfied with argument?
5.   What did he say in reply?

1. Green Revolution in India was initiated by _____

a) M.S. Swaminathan b) Sunderlal Bahuguna c) Kurien d) Medha Patkar

2. Salim Ali Centre for Ornithology and Natural history is located at _____

a) Pune b) Hyderabad c) Kerala d) Coimbatore

3. Who wrote the book 'Violence of Green Revolution'

a)Vandana Siva b) Sheela Dikshit c) Menaka Gandhi d) Arundhathi Roy.

4. The biggest award for environmental activities in India is given in the name of

an individual. In whose name is it constituted?

a) Lal Bahadur Shasthri b) Morarji Desai c) Indira Gandhi d) Kamaraj.

5. World wildlife week is observed during

a) First week of October b) Last week of October c) Third week of October d) First week of September

6. Expand GIS

a)Geographical Information System b) Geographical Information Source

c)Geological Information System   d) Geological Index System

7. MoEF means

a) Ministry of Forest and Energy   b) Ministry of Environment and Forests

c)Ministry of Fuel and Energy   d) Management of Environment and Forestry

8. Zoological Survey of India is at

a) Delhi, b) Mumbai, c) Kolkata d) Chennai

9. World Forest day is celebrated on

a) 21st March b) 5th June c) 1st Dec d) 7th June

10. The book silent spring was written by

a) Madhav Gadgil b) Anil Agarwal c) Rachel Carson d) E.O.Wilson

11. All forms of water that comes down on Earth, including rain, snow, hail etc.

is known as _____

a) Calcification b) Fixation c) Precipitation d) Accumulation

12. The ocean covers _____ percentage of Earth's surface.

a) 51%, b) 61%, c) 71%, d) 91%

13. Green revolution is associated with _____

a) Sericulture b) Agriculture c) Fish culture d) Silviculture

14. The components of LPG are _____

a) Methane & Hexane b) Propane & Butane c) Ethane & Methane   d) Propane & Ethane

15. Major consumer of wood from forest is _____

a) Thermal Power Plant   b) Paper Industry   c) Chemistry Industry   d) none of these

16. The portion of the earth and its environment which can support life is known as _____

a) Crust   b) Biosphere   c) Exosphere d) atmosphere

17. What is troposphere?

a) Portion of air b) Portion of water c) Lowest layer of atmosphere where we survive d) Portion of sky

18. The main energy source for the environment is _____

a) Solar energy   b) Chemical energy c) Bioelectric energy d) Electrical energy

19. Which gas is likely to be reduced in the atmosphere by deforestation?

a) Carbon dioxide b) Nitrogen c) Oxygen d) Sulphur dioxide

20. What are rodenticides?

a) that kill fishes b) that kill insects c) that kill rats d) that kill crocos

21. Which of the following is the most responsible for world water crisis?

a) Dams b) Floods c) Drought d) Population growth

22. The phenomenon of occurrence of additional species found in the ecotone or transitional zone between adjoining ecosystems is known as _____

(a) Edge effect b) Root effect c) Raman effect d) Coolidge effect

23. The complex network of interconnected food chains is called _____

(a) Trophic level b) Food web c) Ecological pyramid d) Ecology chain

24. The area to which a species is biologically adapted to live is known as_____

(a) Niche b) Habitat c) Succession d) Community

25. The largest brackish water lake situated in Asia is in Orissa. Which is the lake?

(a) Chilka lake b) Vembanad lake c) Woolar lake d) Dal lake

26. Ramsar Convention refers to the conservation of _____

(a) Deserts b) Wetlands c) Agriculture lands d) Forest land

27. The animal which consumes decaying organic matter is _____

(a) Carnivore b) Detritivore c) Herbivore d) Producers

28. A set of organisms that resemble one another in appearance and behaviour is called a _____

(a) Exons b) Prions c) Species d) guilds

29. An ecosystem gradually merges with an adjoining one through a transitional zone is called the _____

(a) Ecological niche b) ecological footprint c) ecotone d) shore effect

30. The conversion of ammonia to nitrate is known as _____

(a) ammonification b) nitrification c) denitrification d) all of these

31. The presence of which is necessary for photosynthesis

(a) Chloroform b) Chlorophyll c) Phosphorus d) Polymer

32. The Primary Consumers are also called as

(a) Herbivores b) Carnivores c) Enzymes d) None of these

33. Official date of Earth Day is on _____

a) April 22 b) March 21 c) May 22 d) June 05

34. The World Wetlands Day is celebrated on _____

a) February 02 b) February 28 c) June 05 d) March 21

35. National Maritime Day of India is celebrated on _____

a) October 16 b) April 05 c) March 21 d) May 22

36. World Water Day is celebrated on _____

a) May 22 b) June 05 c) March 22 d) May 11

37. Public awareness of environment creates _____

a) Environment protection b) Environment degradation

c) Environmental improvement d)Environmental cultivation

38. Wild life protection act was formulated during the period of _____

a) Mrs. Indira Gandhi b) Lal Bahadur Shasthri c) Rajiv Gandhi d) Morarji Desai

39. Vermi-composting is a natural method of

a) Producing compost manure b) Producing worms

c) Managing waste it creates d)Destroying worms

40. The intensity of earthquake is measured in _____

a) Beaufort scale b) Richter scale c) Mohs scale d) Joules

41. Natural earthquakes are caused by _____

a) Earth's crust b) deep seas c) peak mountains d) forests

42. Which year was declared as the 'Water Year' by Indian government

a) 2010 b) 2004 c) 2007 d) 2000

43 On which date was the Stockholm Conference on Human Environment held?

a) July 6th 1974 b) Aug 8th 1976 c) June 5th 1972 d) Dec 12th 1990

44. Where was the Stockholm conference on Human Environment held?

a) Sweden b) Austria c) India d) Greece

45. World Earth Day is observed on

a) May 24 b) July 5 c) Aug 2 d) April 22

46. The controversial dam across the river Narmada?

a) Sardar Sarovar b) Hirakud c) Bhakranangal d) Sutlej.

47. Leader of 'Narmada Bachao Andolan'

a) Vandana Siva b) Medha Patkar c) Menaka Gandhi d) Mayilamma

48. What is meant by GM foods?

a) Growth modified foods b) Genetically modified food

 c) Growth marked foods d) Good mobility food

49. Who had stated in the Stockholm Conference in 1972 that poverty was the greatest polluter?

a) Indira Gandhi b) Mahatma Gandhi c) Rajiv Gandhi d) Jawaharlal Nehru

50. The movement 'Pani Panjayath' was initiated to conserve waters in the drought prone areas of ……………….state.

a) Tamilnadu b) Rajasthan c) Maharashtra d) Karnataka

QUANTITATIVE ANALYSIS FOR BUSINESS DECISIONS –I
II SEMESTER B.COM
PRACTICE PAPER

SECTION A

1. Answer any Five sub questions. Each sub question carries 2 marks

     2X5=10

a. Define statistics in singular sense
b. What are the requisites of a good average?
c. What is classification?
d. What is questionnaire?
e. Define dispersion
f. Define mean Deviation
g. Define Histogram

SECTION – B

Answer any three of the following question. Each question carries 6 marks

     6X3=18

2. In a class the number of books issued to the students from the library were as follows

No of Books Issued	2	4	6	8	10	12	14	16
No of Students	7	12	10	7	6	4	3	1

   Find the average number books issued to a student of the class.

3. Calculate the value of median from the following data

Marks	0-10	10-15	15-20	20-25	25-30
No of students	6	9	15	12	8

4. The number of employees wages per employee and the variance of wages per employee for two factories are given below

	Factory X	Factory Y
No of Employees	50	100
Average wages per employee/Month	60	42
Variance of wages/employee/Month	9	49

   a. In which factory is there greater variation in the distribution of wages per employee
   b. Which factory pays more wages?
   c. Find the combined wages of the two factory.

5. Calculate the standard deviation from the following data

Marks (Less Than)	10	20	30	40	50	60	70
No. of Students	4	10	20	40	48	55	60

6. Construct the consumer price index number for 2012 on the basis of 2010 from the following data by aggregative expenditure method

Commodity	Quantity consumed in 2010	Price (Rs)	
		2002	2007
A	12	50	60
B	8	40	45
C	4	70	80
D	9	70	90
E	5	20	40
F	2	200	200

SECTION - C

Answer any three questions Each question carries fourteen marks

     3X14=42

7. Calculate inter quartile range, quartile deviation and its coefficient from the following data

Class	10-20	20-30	30-40	40-50	50-60	60-70
Frequency	3	5	15	10	3	4

8. Calculate the mean deviation for the following data

Mid Points	1	2	3	4	5	6	7	8	9
8F9requency	6	45	103	147	205	160	80	40	4

9. The following are the runs scored by two batsman A and B in ten innings

A	101	0	27	82	36	45	13	7	65	14
	14	97	40	12	13	96	8	8	85	56	15

a. Who is better scorer?
b. Who more consistent

10. Construct with help of the data given below. Fisher's Ideal Index Number and show that it satisfies TRT and FRT

Commodity	Base Year		Current Year	
	Price	Quantity	Price	Quantity
Wheat	8	75	15	80
Ghee	20	10	25	12
Fire Wood	2	20	4	25
Sugar	4	10	6	14
Cloth	1	50	3	40

11. Calculate mean, median and mode from the following data

X(Less than)	10	20	30	40	50	60	70	80
F	4	16	40	76	96	112	120	125