



**K.L.E. Society's
Raja Lakhamagouda Science Institute
(Autonomous)
BELAGAVI.**

SUBJECT

**BCA I - Semester
Nov-2017**

QUESTION PAPER BOOKLET



Reg. No.

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KLE Society's

Raja Lakhamagouda Science Institute (Autonomous),**Belagavi.****First Semester BCA Degree Examination Nov - 2017****A04: ADDITIONAL ENGLISH**

Duration: 3 Hrs

Max Marks: 70

I. Answer the following questions in a sentence each:**1x10=10**

1. Who is Madana?
2. What was the request made by Chitra to Madana?
3. Mention the place name of Prince Albert.
4. Why did the queen tells lady Muriel not to come with her?
5. What is the opinion of customer about the luggage carried by women?
6. How does the customer missed the train?
7. Mention the characters from 'The Stepmother'.
8. Who is in love with Cora Prout?
9. Where did the Pips father's name was written?
10. Who was looking for Pip?

II. Explain with reference to the context (any two) of the following**5x2=10**

1. I found that my body had become my own rival. It is my hateful task to deck her every day to send her to my beloved and see her caressed by him. O God, take back the born.
2. You are my third novelist, and they have all taught me to observe.
3. Lady Muriel: Oh, Cant she? She can say anything she wants to say without moving a muscle of her facel. She can whip you with a word, while she's smiling to some one else across the room.
4. You Know, old chap, I Bolted, when I was your age, frequend - and as a boy. IO hence been among a many bolters.

III.**10x1=10**

1. Sketch the character of Chitra.

OR

2. Prince Author an ideal and Protective husband. Discuss with the reference to 'Under Fire'.

IV.**10x1=10**

1. Explain in brief how does christine handles the situation with doctor in the play 'The step mother'.

OR

2. Discuss the igorry of the man from the play.

Important Note: 1. On completing answers, compulsorily draw diagonal lines on the remaining blank pages.
2. Any revealing of identification, appeal to valuator and / or equations written will be treated as malpractice.

- V. Read the following passage carefully and match the words with their meanings given in the chart below 1x10=10

Dolphins are regarded as the friendliest creatures in the sea and stories of them helping drowning sailors have been common since Roman times. The more we learn about dolphins, the more we realize that their society is more complex than people previously imagined. They look after other dolphins when they are ill, care for pregnant mothers and protect the weakest in the community, as we do. Some scientists have suggested that dolphins have a language but it is much more probable that they communicate with each other without needing words. Could any of these mammals be more intelligent than man? Certainly the most common argument in favor of man's superiority over them that we can kill them more easily than they can kill us is the least satisfactory. On the contrary, the more we discover about these remarkable creatures, the less we appear superior when we destroy them.

Sl No.	Word	Meaning
1	Dolphin	To die underwater
2	Creatures	Works as a member of the crew
3	Drowning	A sea mammal, large, smooth grey with a long pointed mouth.
4	Sailors	A living creature, animate or inanimate.
5	Community	Likely to happen
6	Probable	Having a particular characteristic in common
7	Communicate	Exchange information, news, ideas
8	Mammals	To find information, a place, an object for the first time
9	Satisfactory	Animal that feeds their baby animals
10	Discover	Fulfilling expectation or needs

- VI. a) Every summer there is a power cut in the city. Students face many difficulties as without they cannot study at night. Hence, it light has difficult for many people too. Give a suitable title for the same. (5 marks)
- b) Prepare a slogan for Make in India. (5 marks)
- VII. Assume that Mercedes Benz call the Post of Manager in your region. Hence, prepare a resume to apply for it. (10 marks)



KLE Society's

Reg.No.

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**Raja Lakhamagouda Science Institute (Autonomous),
Belagavi.**

First Semester B.Sc./BCA Degree Examination Nov - 2017

A10: INDIAN CONSTITUTION

Duration: 1 ½ Hrs

Max Marks: 70

Instructions to candidates:

1. *Instruction: Answer any 70 of the following questions in the OMR sheet provided.*

- When did the Indian Constitution come into force?
(a) 26th November, 1949 (b) 15th August, 1947
(c) 26th January, 1950 (d) 26th January, 1930
- India has been described under Article-1 of the Constitution as
(a) Union of States (b) Federation (c) Unitary State (d) None of these
- Setting a Supreme Court at Calcutta is a part of
(a) Regulating Act of 1773 (b) Pitts India Act of 1784
(c) Charter Act of 1793 (d) Charter Act of 1893
- The Constitution of India is
(a) Flexible (b) Rigid (c) Partly flexible and partly rigid (d) None of these
- Who was the chairman of the Drafting Committee for making the Constitution of India?
(a) Rajendra Prasad (b) Baldev Singh (c) H. C. Mukherjee (d) Dr. B. R. Ambedkar
- Which among the following is not a feature of the Indian Constitution?
(a) Parliamentary form of Government (b) Federal form of Government
(c) Double citizenship (d) A written constitution
- When did the Constituent Assembly adopt the Constitution of India?
(a) 26th November, 1949 (b) 15th August, 1947
(c) 26th January, 1950 (d) 26th January, 1930
- The Preamble states that the Constitution derives its authority from
(a) Indian Culture (b) Government of India
(c) The People of India (d) The Supreme Court
- How many articles are there in the Constitution of India now?
(a) 440 (b) 441 (c) 443 (d) 448
- The Government has declared which day as Constitution Day/National Law Day
(a) 26th January (b) 26th November (c) 26th December (d) 15th August
- How much time it took for Constituent Assembly to finalise the constitution?
(a) 2 Years 11 Months 18 Days (b) 2 Years 9 Months 8 Days
(c) 2 Years 7 Months 18 Days (d) 2 Years 5 Months 20 Day
- The words **socialist** and **secular** were added to the Preamble by
(a) 44th Amendment (b) 42nd Amendment
(c) 52nd Amendment (d) 46th Amendment
- The Preamble to the Constitution of India declares India to be
(a) Sovereign, Secular, Democratic, Republic (b) Sovereign, Democratic, Republic
(c) Sovereign, Socialist, Secular, Democratic, Republic (d) Democratic, Republic
- The Constitution of India provides
(a) Double Citizenship (b) Single Citizenship
(c) Both (a) and (b) (d) None of these
- India is a
(a) Communist State (b) Bilingual State (c) Secular State (d) Capitalist State
- Under which Article the procedure for Amendment of Constitution is given
(a) Article-352 (b) Article-368 (c) Article-392 (d) Article-360
- Which of the following articles deal with Fundamental Rights?
(a) Article 5-11 (b) Article 12-35 (c) Article 14-18 (d) Article 12-40

18. Which of the following is given the power to implement the Fundamental Right by the Constitution?
 - (a) All courts in India
 - (b) The Parliament
 - (c) The President
 - (d) The Supreme Court and High Courts
19. Which right was deleted from the list of Fundamental Rights?
 - (a) Right to Equality
 - (b) Right to Freedom of Religion
 - (c) Right to Constitutional Remedies
 - (d) Right to Property
20. Which fundamental right is concerned with abolition of social discrimination?
 - (a) Right to equality
 - (b) Right against exploitation
 - (c) Right to life and liberty
 - (d) Cultural and education rights
21. Article 15 provides special provisions for
 - (a) Women and Children
 - (b) SC & STs
 - (c) Both(a) &(b)
 - (d) Only (a)
22. Article 17 of constitution of India
 - (a) Protects individual freedom
 - (b) Grants right to equality
 - (c) Abolishes Untouchability
 - (d) None of the these
23. Article 19 of the Constitution of India contains
 - (a) 9 Fundamental Freedoms
 - (b) 8 Fundamental Freedoms
 - (c) 7 Fundamental Freedoms
 - (d) 6 Fundamental Freedoms
24. Right to privacy is contained in
 - (a) Article 22
 - (b) Article 19
 - (c) Article 21
 - (d) Article 22
25. Right to life also includes right to
 - (a) Get education
 - (b) Contest Election
 - (c) Die
 - (d) None of these
26. A person arrested has to be produced before the Magistrate within
 - (a) 72 hours
 - (b) 12 hours
 - (c) 24 hours
 - (d) No such time limit is prescribed
27. Children below the age of _____ years are prohibited from working in any factory or mine
 - (a) 12 years
 - (b) 13 years
 - (c) 14 years
 - (d) 15 years
28. Which fundamental right prohibits trafficking in human beings?
 - (a) Right to equality
 - (b) Right against exploitation
 - (c) Right to freedom
 - (d) Right to property
29. Under Article 21A of Constitution of India is about
 - (a) Secondary education
 - (b) Primary education
 - (c) Higher education
 - (d) None of these
30. Indian Constitution recognises minorities on the basis of
 - (a) Colour
 - (b) Caste
 - (c) Population
 - (d) Religion
31. The right to Constitutional remedies is a
 - (a) Legal right
 - (b) Moral right
 - (c) Fundamental right
 - (d) None of the these
32. Which of the following writ is issued by the Court in case of unlawful detention of a person?
 - (a) Quo Warranto
 - (b) Habeas Corpus
 - (c) Mandamus
 - (d) Certiorari
33. The Directive Principles of State Policy are borrowed from the Constitution of
 - (a) USSR
 - (b) USA
 - (c) China
 - (d) Ireland
34. The Directive Principles of the State Policy are
 - (a) Justiciable
 - (b) Non Justiciable
 - (c) Mandatory
 - (d) Discretionary
35. Under which article the Fundamental Duties are included in Indian Constitution?
 - (a) Article 50
 - (b) Article 52
 - (c) Article 51A
 - (d) Article 54
36. The total number of Fundamental Duties mentioned in the Constitution are
 - (a) 9
 - (b) 10
 - (c) 11
 - (d) 12
37. The fundamental duties were included in the Constitution by the 42nd Amendment in the year
 - (a) 1971
 - (b) 1972
 - (c) 1975
 - (d) 1976
38. Respecting the National Flag and National Anthem is a
 - (a) Fundamental Right
 - (b) Fundamental Duty
 - (c) Directive Principle
 - (d) All
39. Which of the following rights cannot be suspended during emergency?
 - (a) Right to life and liberty
 - (b) Freedom of movement
 - (c) Right to organise meetings
 - (d) Right to speak
40. It is the duty of all to protect environment is included under the Article
 - (a) Article-51A (f)
 - (b) Article-51A (g)
 - (c) Article-51A (h)
 - (d) Article-51A (a)
41. What is the minimum age for the eligibility to be a Presidential candidate?
 - (a) 23 years
 - (b) 21 years
 - (c) 35 years
 - (d) 30 years

42. What is the official term of the President's office?
(a) 5 years (b) 10 years (c) 3 years (d) 4 years
43. Who appoints the Chief of Army, Navy and Air Force?
(a) Prime Minister (b) Defense Minister (c) Foreign Minister (d) President
44. If the President dies while in office, the Vice President can act as President for a maximum period of
(a) 1 year (b) 3 months (c) 6 months (d) 2 years
45. The President gives his resignation to the
(a) Chief Justice of India (b) Parliament (c) Vice President (d) Prime Minister
46. Who elects the president of India?
(a) Electoral College (b) Chief Minister (c) Prime Minister (d) Vice President
47. Which article of the Constitution empowers the President to promulgate ordinances?
(a) Article-122 (b) Article-129 (c) Article-123 (d) Article-125
48. How many types of emergency have been visualized in the Constitution of India?
(a) Four (b) Three (c) One (d) Two
49. The President can proclaim emergency on the written advice of the
(a) Speaker of Lok Sabha (b) Prime Minister
(c) Chief Justice of India (d) Union Cabinet
50. Emergency proclamation is issued in case of
(a) War (b) External aggression (c) Armed Rebellion (d) All
51. Which of the following State has had the President's Rule imposed for a maximum number of times?
(a) Kerala (b) Punjab (c) Bihar (d) Manipur
52. What rank does the office of Vice-President have in the country?
(a) First (b) Second (c) Third (d) Fourth
53. Who is the ex-officio Chairman of Rajya Sabha?
(a) President (b) Prime Minister (c) Chief Justice of India (d) Vice President
54. Who is the Constitutional head of the State?
(a) Chief Minister (b) Governor (c) Home Minister (d) None
55. Who appoints the Prime Minister
(a) President (b) Council of ministers (c) Lok Sabha (d) Majority party
56. What is the nature of the Indian Political system?
(a) Parliamentary System (b) Presidential System
(c) Both (a)& (b) (d) Military Government
57. In India, the citizens have been given the right to vote on the basis of
(a) Domicile (b) Age (c) Education (d) None of the above
58. In Parliament of India Lower House is known as
(a) House of People (b) Rajya Sabha (c) Council of States (d) None of these
59. Our parliament consists of
(a) Lok Sabha (b) Rajya Sabha (c) Both (a) & (b) (d) only Rajya Sabha
60. Who is the first Woman Speaker of Lok Sabha?
(a) Sarojani Naidu (b) Annie Besant (c) Indira Gandhi (d) Meira Kumar
61. Which is the highest judicial authority in India whose decisions are binding on all Courts?
(a) Supreme Court (b) Parliament (c) Law Minister (d) Lok Sabha
62. Where is the Supreme Court of India situated?
(a) Mumbai (b) Kolkata (c) New Delhi (d) Chennai
63. A Judge of the Supreme Court of India is to hold office until he attains the age of
(a) 58 years (b) 62 years (c) 60 years (d) 65 years
64. How many types of writs are there in Indian constitution?
(a) 5 (b) 8 (c) 10 (d) 15
65. Judge of the Supreme Court can be removed from offices by
(a) Executive order (b) Impeachment (c) Judicial order (d) Bureaucracy
66. The Article 370 of the Constitution deals with
(a) Special status for Jammu and Kashmir (b) Special provisions for minorities
(c) Amendment method (d) None of the above
67. How many members the President of India nominates to Rajya Sabha?
(a) 10 (b) 11 (c) 13 (d) 12

68. Judicial Review signifies that the Supreme Court
 (a) Can impeach the President (b) Can declare a state law as unconstitutional
 (c) Can review cases decided by the High Courts (d) Has final authority over all cases
69. Which is the list that contains subjects in which both the Centre and the States can legislate?
 (a) Union list (b) State list (c) Residuary list (d) Concurrent list
70. Under which article of the Constitution the Supreme Court of India has been established?
 (a) 24 (b) 124 (c) 224 (d) 231
71. Indian Constitution was amended for first time in the year
 (a) 1951 (b) 1950 (c) 1959 (d) 1958
72. Village Panchayat is organized under which article of the Constitution of India
 (a) Article-37 (b) Article-38 (c) Article-39 (d) Article-40
73. All speeches made in the House of People are addressed to
 (a) The Prime Minister (b) The Speaker
 (c) Minister for Parliamentary Affairs (d) Respective Ministers
74. Who was the first Prime Minister of India?
 (a) Jawaharlal Nehru (b) Indira Gandhi (c) Dr. Rajendra Prasad (d) Mahatma Gandhi
75. Panchayat Raj was introduced in the Country in
 (a) 1957 (b) 1952 (c) 1951 (d) 1959
76. Who is the highest Legal Officer of Union Government?
 (a) Attorney General (b) Law Minister (c) Prime Minister (d) None of these
77. Which Right was remarked by Dr. B.R. Ambedkar as the "Heart and soul of the Constitution"?
 (a) Right to Equality (b) Right to Freedom
 (c) Right to Education (d) Right to Constitutional remedies
78. Fraternity in the Preamble means
 (a) Spirit of Brotherhood (b) Unity and Integrity (c) Social Justice (d) Elimination of Justice
79. The Constitution names our country under Article-1 as
 (a) Bharat (b) Aryavarta (c) Hindustan (d) India that is Bharat
80. Three-tier system was first advocated by the Committee headed by
 (a) Balwant Rai Mehta (b) Rajesh Mehta (c) Jawaharlal Nehru (d) Mahatma Gandhi



**Raja Lakhamagouda Science Institute (Autonomous),
Belagavi.**

First Semester BCA Degree Examination Nov - 2017

A52: MATHEMATICS - I

Duration: 3 Hrs

Max Marks: 70

Instructions to candidates:

Answer all questions.

I Answer any FIVE of the following:

2X5=10

1. Define a symmetric matrix and give an example.
2. If $\begin{bmatrix} 2 & 3 \\ x & y \end{bmatrix} + \begin{bmatrix} 1 & 1 \\ 2 & 1 \end{bmatrix} = \begin{bmatrix} 3 & 3 \\ 4 & 5 \end{bmatrix}$ find x and y .
3. If any two rows (or two columns) of a determinant are interchanged then the sign of the determinant is unaltered or remains unchanged.
4. Find the identity element under the binary operation defined by $a * b = a + b$ over the set of all positive integers.
5. Find the magnitude of the given vector $\mathbf{a} = 3\mathbf{i} + 4\mathbf{j} + 5\mathbf{k}$.
6. Find the equation of the circle whose two ends of the diameter are $(4, 2)$ and $(-3, -5)$.
7. Find the equation of the circle whose center is at $(-1, 5)$ and radius is 5 units.

II Answer any SIX of the following

5X6=30

8. Find AB and BA where $A = \begin{bmatrix} 2 & 3 & 1 \\ 0 & -1 & 3 \end{bmatrix}$ and $B = \begin{bmatrix} 4 \\ -1 \\ 5 \end{bmatrix}$.
9. If $A = \begin{bmatrix} 2 & 2 \\ 2 & 2 \end{bmatrix}$ then find A^2 .
10. Find x if, $\begin{vmatrix} x & 2 & 4 \\ 3 & -1 & 2 \\ 4 & 5 & 1 \end{vmatrix}$ is singular.
11. Prove that the set $Z = \{0, 1, 2, 3, 4\}$ is an abelian group under multiplication modulo 5.
12. Prove that the identity element in a group is unique.
13. Find the scalar product and the cosine angle between the given two vectors $2\mathbf{i} + 3\mathbf{j} - \mathbf{k}$ and $6\mathbf{i} - \mathbf{j} + 2\mathbf{k}$.
14. Find the equation of the circle passing through three points $(-2, 1)$, $(6, -3)$ and $(0, 3)$.
15. Find the co-ordinates of the point p which divides the points $A(-1, 2)$ and $B(5, 7)$ internally and externally in the ratio $3:4$.

III Answer any THREE of the following

10X3 = 30

16. a) Find x and y using Cramers rule. $5x+4y=41$, $2x-3y=-2$.
b) Obtain the characteristic equation of $A = \begin{bmatrix} 1 & -1 \\ -6 & -2 \end{bmatrix}$.
17. a) Find the center and radius for the circle $x^2+y^2+2x-4y-4=0$.
b) Show that the following equation of the circles cut each other orthogonally.
 $X^2+y^2+6x-y-6=0$ and $2X^2+2y^2-6x+10y-11=0$.
18. a) Show that the points $(-1,-1)$, $(2,-1)$, $(2,2)$ and $(-1,2)$ are the vertices of a square.
b) Find the area of the triangle whose vertices are $(4,3)$, $(-5,6)$, $(-7,-2)$.
19. a) If a and b are any two elements of a group G then $(ab)^{-1}=b^{-1}a^{-1}$.
b) Prove the left and right cancellation laws.
20. a) Find the focus, vertex to the ellipse $x^2+y^2=16$.
b) Find the co-ordinates of the point p which divides the points $A (-1,2)$ and $B(5,7)$ internally and externally in the ratio $3:4$.



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**Raja Lakhamagouda Science Institute (Autonomous),
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First Semester BCA Degree Examination Nov - 2017

A56: COMPUTER CONCEPT & C-PROGRAMMING

Duration: 3 Hrs

Max Marks: 70

Instructions to candidates:

1. Attempt all Questions.

I. Answer any FIVE of the following:

2X5=10

- 1) List the flowchart symbols and state their functions.
- 2) Compare and contrast RAM and ROM.
- 3) Explain scanf() statement with syntax and example.
- 4) Write a C program to calculate cube and square root of an entered number.
- 5) What is loop? Name the three key steps in looping techniques.
- 6) State the difference between an array and a variable.
- 7) What is null character? State its use in a string.

II. Answer any SIX of the following :

5X6=30

- 8) Explain the characteristics of the computer.
- 9) Explain the types of computers based on generation.
- 10) Explain the basic structure of C program with an example.
- 11) Compare and contrast entry control and exit control loop.
- 12) Write a C program to check the entered number is prime or not.
- 13) Define array. Explain the classification of an array.
- 14) Write a C program to display the transpose of given matrix using user defined function.
- 15) Convert the following mathematical expressions to its equivalent statement in C:
 - a) $a = 1 / (x^2 + y^2)$
 - b) $a = \sqrt{(b^2 - 4ac)}$
 - c) $a = (x+y)(x-y)^2$
 - d) $\text{sum} = \sqrt{a^2 + b^2}$
 - e) $m = a^2 b^2 (a+b)^2$

III. Answer any THREE of the following:

10X3=30

- 16) Explain the functional components of the computer system with neat labeled diagram.
- 17) Explain the operators used in C with an example.
- 18) Explain various conditional/branching statements with syntax and example.
- 19) Write a C program to:
 - a) Display the number of even and odd numbers in an array.
 - b) Perform linear/sequential search.
- 20) Write a C program to:
 - a) Display the number of vowels and consonants in a string.
 - b) Concatenate two strings without using in-built function.

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**Raja Lakhamagouda Science Institute (Autonomous),
Belagavi.****First Semester BCA Degree Examination Nov- 2017
A59: PROBLEM SOLVING TECHNIQUES**

Duration: 3 Hrs

Max Marks: 70

Instructions to candidates:

1. Attempt all Questions.

I. Answer any FIVE of the following:**2X5=10**

1. What is meant by time and space complexity?
2. Define Dynamic Programming.
3. Define algorithm. List the characteristics of algorithm.
4. Write the formula for reversing the number.
5. Write the area of application of the following: Exchange algorithm, Factorial algorithm.
6. List some factoring methods.
7. Define time and space complexity.

II. Answer any SIX of the following:**5X6=30**

8. Explain the algorithm development of generating a sine series.
9. Design an algorithm to reverse the digits of a number.
10. Explain the algorithm development of factorial of a number search.
11. Design an algorithm to calculate the square root of a number.
12. Design an algorithm to reverse the elements of an array.
13. Design an algorithm that reads a list of numbers and makes a count of number of positive and negative numbers.
14. Design an algorithm to exchange 3 numbers with and without using the temporary variable.
15. Design an algorithm to count the number of digits in a number.

III. Answer any THREE of the following:**10X3=30**

16. Explain and design an algorithm to generate Fibonacci sequence.
17. Explain and design an algorithm to search a number in 'n' elements using Binary search.
18. Explain and design an algorithm to order a set of 'n' numbers in ascending order using Bubble sort.
19. a) Explain and design an algorithm to find GCD of a number.
b) Design an algorithm to generate the Lucas sequence.
20. Explain and design an algorithm to compute the prime factors of an integer.



KLE Society's
Raja Lakhamagouda Science Institute (Autonomous),
 Belagavi.

First Semester BCA Degree Examination Nov- 2017
A54: ACCOUNTING & FINANCIAL MANAGEMENT -I

Duration: 3 Hrs

Max Marks: 70

Instructions to candidates:

- 1) Attempt all Questions.

I. Answer any FIVE of the following:**2X5=10**

1. What is accounting?
2. What do you mean by contra entry?
3. What is going concern concept?
4. Write any 5 examples of nominal accounts.
5. Give the format of balance sheet.
6. What do you mean by capital expenditure? Give example.
7. Why do companies prepare final accounts?

II. Answer any SIX of the following :**5X6=30**

8. Briefly explain the types of accounts and the golden rules.
9. Prepare a trial balance with 10 imaginary figures.
10. Classify the following into assets, liabilities, expenses and incomes:

a) Capital	d) Commission earned	g) Building
b) Machinery	e) Advertisement	h) Purchases
c) Salary	f) Loan from bank	j) Goodwill
11. What are the uses of computerized accounting?
12. What are the objectives of cash book?
13. On 1-4-2012, a firm purchased machinery for 1,00,000. Its estimated life was 5 years. The firm decides to write off depreciation at 10% every year calculate depreciation under (a) Straight line method (b) Written down value method.

14. From the following transactions. Prepare Mr. Vivek's Account:

April 1	Sold goods to Vivek on credit	2000
April 3	Vivek paid cash to us	1500
April 7	Purchased goods from Vivek	800
April 16	Paid cash to Vivek	600
April 23	Sold goods to him	1200
April 29	Paid cash to Vivek	500

15. Enter the following transactions in simple cash book 2010

March 1	Opening balance of cash	12000
March 3	Deposited cash into bank	8000
March 9	Goods sold for cash	6000
March 13	Cash purchases	4000
March 17	Received cash from Anand	2000
March 23	Paid cash to Mr. Bharat	1000
March 29	Paid for advertisement	500
March 30	Received commission	3000

III. Answer any THREE of the following :

10X3-30

16. explain any 5 uses and limitations of accounting.
17. Explain any 5 accounting concepts.
18. What is depreciation? Explain the methods of deprecation.
19. Journalise the following.

Jan 1	Mr. Shah commenced business with cash 10000, furniture 5000 and building 20000.	
3	Deposited cash into bank	8000
5	Bought goods from Raju and Co	15000
8	Purchased machinery for cash	6000
12	Paid Raju & Co by cheque	6000
15	Sold goods to Satish on credit	2500
18	Received cash from Satish	1000
20	Received commission	1500
21	Bought office stationery	400
23	Paid office rent by cheque	2500
25	Withdrew cash for personal use	1750

20. From the following trial balance as on 31-03-2012. Prepare trading account, profit and loss account and balance sheet as on that date.

Name of account	Debit (Rs.)	Credit (Rs.)
Drawings and capital	1875	15000
Wages	4875	-
Machinery	2500	-
Bills receivable	2250	-
Debtors and creditors	7500	7250
Commission received	-	680
Purchases and sales	31500	44375
Rent	750	-
Opening stock	11250	-
Salaries	1805	-
Travelling expenses	250	-
Insurance	75	-
Sundry expenses	425	-
Bad debts	440	-
Furniture	1125	-
Purchase returns	-	250
Sales returns	625	-
Cash balance	60	-
Bank balance	250	-
TOTAL	67555	67555

Adjustment:

- 1) Closing stock Rs.20000
- 2) Outstanding wages Rs.150, Salaries Rs.370
- 3) Insurance prepaid Rs.25
- 4) Depreciate machinery by 5% and furniture by Rs.100
