Nepal College of Information Technology
Balkumari, Lalitpur
Phone: 5186354, 5186355, 5186270, 5186358, 5186361
Email: info@ncit.edu.np, www.ncit.edu.np

BBA /BCA (Model Question)

Full Marks: 100	**Time:** 1.5 hrs

General Guideline to Examinees

1. Occupy your own seat.
2. Write your Entrance Roll Number clearly, both in the Entrance test question booklet and on the entrance test answer sheet.
3. During exam period, you will not be allowed to leave the exam hall without submitting the question/answer sheet.
4. You will not be allowed to disturb other examinees by asking for calculators, pencils, rulers, etc.
5. You are provided with a separate answer sheet in which you are required to darken (using a pencil) the appropriate answer lettered choice box against the question number.
   For example, if the proper answer to question number 5 is choice D, then in the answer sheet provided darken the lettered choice box D against number 5 in the answer sheet.

   A   B   C   **D**

6. *For correction of a wrong answer choice, cross-milk the already darkened wrong answer lettered choice box, and then re-darken the appropriate answer lettered choice box ageist the question number.*

   For examples, later on, if you feel that the proper answers to question number 5 is choice D, not B, then in the answer sheet provided, cross-mark the previously darkened lettered choice box B and then darken the lettered choice box D against number 5 in the answer sheet

   A   ⊠   C   D

7. For your rough use, use back side (blank portion) of the answer sheet. You will not be given any extra papers.
8. Subject wise marks distribution are as follows:

Name of Subject	Marks	Total Marks
English	30	1*30=30
Mathematics	30	1*30=30
Logical Reasoning	30	1*30=30
General Awareness	10	1*10=10
	Total Marks	**100**

Verbal Ability

Directions: fill up the blanks with the words best fits in with the meaning of the following sentences.

1. Santosh wandered all day in the…………………..
a) lay
b) lec
c) lea
d) led

2. Ram …………..you're ruling on the matter
a) waits
b) awaits
c) waits for
d) awaits for

3. I ………..my………..to be fulfilled.
a) Want…needs
b) Want …wishes
c) Desire….wants
d) Wish…..desires

4. The students organized a …………..
a) feet
b) fiat
c) fate
d) feat

5. Her attitude was…………in the answer she gave you.
a) impetuous
b) impetus
c) implicit
d) explicit

6. My cousin has invested a lot of money……. Farming
   a) **In**
   b) For
   c) On
   d) Into

7. **At the hospital, Hari was mistaken…. a doctor.**
   a) Upon
   b) Over
   c) On
   d) For

Direction: choose the words which are close to the meaning of the word.

8. Fallacy
   a) A word idea or belief
   b) Something not expected
   c) Falsely implicated
   d) Under the command of

9. Suite
   a) A set of rooms
   b) Stymie
   c) Plunder
   d) Legal Case

10. Impeccable
    a) Faulty
    b) Flawless
    c) Ductile
    d) Intolerable

11. Antidote
    a) Counteragent
    b) Fighter
    c) Laxative
    d) Anti-thesis

12. Founder
    a) Defeat
    b) To stumble
    c) Cowardice
    d) Cumbersome
    e)

13. Dexterity
    a) Clumsiness
    b) Extremity
    c) Deftness
    d) Devotion

Directions: select the word or phrase that is most nearly opposite in meaning to the word.

14. Derogatory
    a) Complaint
    b) Complimentary
    c) Malevolent
    d) Obliterate

15. Temperate
    a) Aged
    b) Unlimited
    c) Productive
    d) Inebriated

16. Stigma
    a) Mark of esteem
    b) Sign of decline
    c) Reflection of glory
    d) Notice of rejection

17. Mute
    a) Diversify
    b) Quicken
    c) Harmonize
    d) Amplify

18. Foment
    a) Pretend
    b) Subside
    c) Inhibit
    d) Assume

Direction: Each question below consists of an idiom or phrase, followed by four lettered expression. Choose the lettered expression that most nearly expresses the meaning of the given idiom or phrase.

19. A cat and dog life
    a) Best understanding with colleagues
    b) Friendship amongst the people of same class
    c) Purposeless
    d) Always quarrelling

20. To be lost in the clouds
    a) To be perplexed
    b) To fly deep in clouds
    c) To imagine about something impossible
    d) To achieve unprecedented success

21. To let the grass grow under owns feet
    a) To take advantage of situation
    b) To work cautiously
    c) To idle away time
    d) To work on a job below the dignity

22. To come off with flying colours
    a) A good star
    b) To attend grand party
    c) Good results of constant effort
    d) To achieve distinction

23. To draw a line
    a) To restart
    b) To impossible
    c) To have fair game
    d) To divide evenly

24. To fly off the handle
    a) to dislocate
    b) to lose one's temper
    c) to be indifferent
    d) to be airborne

25. Apple of Sodom
    a) Tasteless apples
    b) Subject of strife
    c) Delicious apples
    d) Disappointed expectations

Directions: The following passage is followed by question based on its contents. After reading the passage, choose the best answer to each question.

As advertise become more and more expert at their work, they appeal to all the human emotion in the effort to increase sales-greed, jealously, love of a bargain, fear of the disapproval of other people, fear of ill health, the desire to catch a husband, the desire to show off; and many others. But more and more customers are also becoming suspicious of and resistant to high-powered advertisements. This is producing, in highly sophisticated countries, a deliberately modest, self-deprecating type of advertisement that is intended to disarm the suspicions of sophisticates by given an impression of absolute sincerity, or even deliberate understatement. Soon we may have the strange spectacle of advertisers vying with each other, with Eastern courtesy, to belittle the merits of their own merchandise.

26. According to the author, high-powered advertisement has created suspicion among people in
    a) Highly sophisticated countries
    b) Unsophisticated countries
    c) Oversold markets
    d) In poor countries

27. The self-deprecation type of advertisement seeks to
    a) Announce the product loudly
    b) Introduce the product by appealing to principal emotions
    c) Lessen the suspicion in buyer's mind
    d) Tell the true merits of the products

28. In the context, "Eastern Courtesy"
    a) Genuine courtesy
    b) Courtesy with an intention to cheat
    c) Sincere courtesy
    d) Business etiquette

29. The new type of advertisement as compared with the high-powered advertisement of the past.
    a) Is absolutely sincere
    b) Gives the impression of being sincere
    c) Is courteous to the buyer
    d) Is more in buyer's interest

30. Which of the following according to you is an understatement?
    a) At sixty miles an hour the only sound you can hear in our car is the tick-tock of the electric clock.
    b) We cannot make all the soap in the world. Therefore, we decided to make the best.
    c) In 9 out of 10 cases our toothpaste has completely cured tooth decay.
    d) Our "GENIOUS" pen cannot make you a genius. But it can make your writing chores of pleasure.

Quantitative Ability
31. The difference between simple and compound interest in a certain sum in two years at 15% per annum is Rs. 144. The sum is
    a) Rs.6000
    b) Rs.6200
    c) Rs.6400
    d) Rs.6500

32. The number of student in a constituent campus and a affiliated campus in bachelor level is at the ratio of 3:5. If 20 students are increased in each campuses at the same level, the ratio changed to 5:7. The total number of students in the two campuses before the increases was
    a) 72
    b) 80
    c) 96
    d) 100

33. Find the greatest number which will divided 201 and 671 leaving remainders 6 and respectively
    a) 15
    b) 51
    c) 39
    d) 65

34. How many of the integers between 50 and 80 are odd?
    a) 9
    b) 11
    c) 13
    d) 15

35. One – third of a number is 20 more than one – fifth of that number. What is the number?
    a) 30
    b) 84
    c) 102
    d) 150

36. A company reports that 20000 electronics parts were found defective. If this represents 5% of the total shipment, how many of these parts were shipped?
    a) 40000
    b) 30000
    c) 20000
    d) 10000

37. A diagram of a large ground drawn to the scale of 0.5 inch equals 80 feet. If the length
of the diagram is 4.5 inches the actual length of the ground is
    a) 720ft
    b) 680ft
    c) 640ft
    d) 360ft

38. The value of $x^2 + 5x = 12 - x^2$ are
    a) 3/2 and-4
    b) 3 and 4
    c) 2/3 and 4
    d) 4/3and 2

39. If 4y-x=10, 3x=2y, then xy=?
    a) 2
    b) 3
    c) 6
    d) 12

40. There are 50 students enrolled in computer course, of the enrolled students, 90% appeared in a final exam. Two third of the students attending the final exam passed. How many students passed the final exam?
    a) 30
    b) 33
    c) 34
    d) 35

Question number 36 to 40 is related to the following   data:

Year	Area under Food crops (000hectors)	Area under Cash crops(000 hectors)	Production of food Crops (000 MT)	Production of cash crops (000 MT)
2001	2950	313	4811	1132
2002	2946	287	4462	1180
2003	3005	284	4948	1515
2004	3028	286	5475	1653
2005	3030	288	5722	1794

41. What is the productivity of food crops (production/area) in 2005?
    a) 0.55
    b) 1.50
    c) 1.88
    d) 2.78

42. What is the productivity of cash crops (production/ area) in 2005?
    a) 6.23
    b) 5.37
    c) 4.98
    d) 3.75

43. The productivity of food crops is highest in which year?
    a) 2001
    b) 2002
    c) 2003
    d) 2005

44. The productivity of the cash crops in lowest in which year?
    a) 2001
    b) 2002
    c) 2003
    d) 2005

45. What is the productivity of food and cash crops taken together in year 2001?
    a) 1.56
    b) 1.82
    c) 2.21
    d) 2.44

46. A tourist bus travels for 3 hours at 40 miles per hour and then covers a distance of 80 miles in two hours and 40 minutes. His average rate for the entire trip was
    a) 35mph
    b) 35.3mph
    c) 35.5mph
    d) 36mph

47. Four workers work together can plough the field in 12 hours, How long it take 6 workers to plough the field of the same size, if all of them work at the same rate?
    a) 6hrs
    b) 8hrs
    c) 10hrs
    d) 12hrs

48. The arithmetic mean of x and y is 10 and their geometric mean is 8. What is the value of x and y?
   a) 16,4
   b) 15,5
   c) 14,6
   d) 12,8

49. Selling price of four articles equals to cost price of 5 articles.
   a) 20%
   b) 25%
   c) 28%
   d) 80%

50. When magnified 10,000 times by an electrons microscope, the image of a certain circular piece of tissue has a diameter of 0.3 cm. The actual diameter of the tissue in cm is
   a) 0.03
   b) 0.003
   c) 0.0003
   d) 0.0000

51. A sport jacket marked $48 is offered at a discount of 25% during a stockout sales. At this reduced price the dealer makes a profit of 20% on the cost. The cost to the dealer is
   a) $29
   b) $30
   c) $32
   d) $36

52. ABC is right angled triangle with perpendicular side equal to 8 , and the base equal to 6 ,the hypotenuse side is equal to
   a) 10
   b) 9
   c) 7
   d) 5

53. If A={1,3,5,7,……21} , B={1,2,3,4….20} and C={2,4,6,8…..20}. What is an $A\Omega B\Omega C$?
   a) {20,30}
   b) {30}
   c) {40}
   d) Φ

54. Which of the following number is divisible by 12 but not by 8?
   a) 78   b) 88   c) 108   d) 120

55. Convert 0.0456 into percent
   a) 4.56%   b) 546%   c) 0.456%   d) 45.6%

56. What is the profit %, if a watch bought for RS 1000 is sold for Rs. 1200?
   a) 20%   b) 22.5%   c) 25%   d) 33%

57. If 3,x and 12 are in continued proportion then x=
   a) 5   b) 6   c) 8   d) 9

58. If 20 kg of rice costs Rs. 1500, how much rice can be purchased for Rs 1800?
   a) 20   b) 22   c) 24   d) 26

59. The compound interest on a certain sum for the first year for 4% is RS 25. The compound interest for 2 years at the same rate on the same sum will be
   a) RS.50
   b) Rs.51
   c) Rs.53
   d) Rs.54

60. The length and breadth of a rectangular field is 50 meter and 20 meter respectively .7 meter road runs outside around the field. What is area of the field?
   a) 40sq m
   b) 100sqm
   c) 1176sqm
   d) 1208sqm

Logical Reasoning

Direction: each of the questions below consists of two words that have a certain relationship to each other, followed by the four pairs. Select the pair

61. Eight: nine::
   a) Six : twelve
   b) 23:32
   c) Ten : nine
   d) Four : 22

62. Dear : herd::
   a) White ; snow
   b) Gees : flock
   c) Ducks : duack
   d) Seed : sproud

63. Bat : bline
   a) Melt : freeze
   b) diseases : microbe
   c) Traffic : road block
   d) quet : lamb

64. fear : terror::
   a) distress : discomfort
   b) joy : ecstasy
   c) relief : relaxation
   d) danger : anxiety

65. triangle : circle::
   a) nut ; screw
   b) salt : solution
   c) wedge : whet
   d) danger: anxiety

Direction: select the pair of words which best expresses the relationship similar to that expressed in the pair in.

66. Expenditure : saving :: Import:
   a) Excise
   b) Export
   c) External
   d) Exit

67. Sale : Excise :: Income:
   a) Honorarium
   a) Tax
   b) Penalty
   c) Standard

68. Advocate : Law :: cook :
   a) Kitchen
   b) Vegetable
   c) Dinning table
   d) Recipes

69. Lunatic : brain :: Blind:
   a) Support
   b) Brain
   c) Crutches
   d) Spectacles

70. Darkness : Evening :: Light:
   a) Electricity
   b) Switch
   c) Dawn
   d) Heavy

Direction: one out of the four choices is odd. Find the "odd one out" from each of the following.

71. a) 121   b)231
    c)352   d)453
72. a)Debenture   b)government bond
    c)Equity share d)Share
73. a)Reward   b)Offence
    c)Crime   d)punishment
74. a)Conductor   b)Insulator
    c)Contractor   d)Germanium
75. a)1210   b)125
    c)729   d)1728

Directions for Q. 66 to 70.
Seven boys A,B,C,D,F,G and H have 10 pens each. A takes 4 pens from F and B takes 4 pens from G, D gives 3 pens to H and H gives 2 Pens to F. G takes back the pens he had given to B. A gives 3 pens to D.

76. How many pens does G have?
   a) 10
   b) 7
   c) 11
   d) 8

77. How many boys have got eleven pens each?
   a) 1
   b) 2
   c) 3
   d) 4

78. Who have got the least number of pens?
   a) A
   b) D
   c) F
   d) H

79. After the exchange of pens among the boys is over, how many of them have 10 pens?
   a) 2
   b) 3
   c) 4
   d) None of them.

80. The maximum number of pens which any of the boys has?
   a) 10
   b) 11
   c) 12
   d) None of them

Direction: select the best answer choice which is logically based on the arguments in the given statement.

81. Yogesh is the student of Padmodayaschool. He must be sharp.
   a) Students of public school are sharp.
   b) Students of government school are not sharp.
   c) Padmodaya is a public school.
   d) Students odPadmodaya are generally sharp.

82. Prices are rising again. This is mainly due to fall in production.
   a) Production is expected to increase now.
   b) Earlier the production was high.
   c) If production falls, prices rise.
   d) If production increases, price will fall.

83. No babies can walk .All those who can walk are grown-up. Therefore ,
   a) No babies are grown up.
   b) All grown-up persons are babies.
   c) No person who can walk are babies.
   d) Those who can run also walk.

84. Nothing is man unless it is intelligent. Nothing is intelligent unless it has a brain. Therefore,
   a) All man do not have brain.
   b) Some man are more intelligent than others.
   c) No one without a brain is man.
   d) All men are equally intelligent.

85. If EARLY stands for 32567, then YEAR will be?
   a) 3725   b) 7325   c) 3752   d) 7253

86. The average of the first five multiple of 7 is :
   a) 15   b) 30   c) 21   d) 28

87. How many possible outcomes can be found if three coins are tossed simultaneously?
   a) 2   b) 5   c) 7   d) 8

88. A train travelling with constant speed crosses a 90m long platform in 12sec and 120m long platform in 15sec.Find the length of train.
    a)10m   b) 20m   c)30m   d)40m

89. Some men are school teachers. Some school teachers are not football players. Therefore,
   a) All men are football players.
   b) Some school teachers may be football players.
   c) Kishor who plays football must be a school teacher.
   d) No football players are school teachers.

90. D is Brother of B.M is brother of B. K is father of M.T is wife of K. how is B related to T?
   a) Son   b) Daughter
   c) Son or Daughter   d) None of these

General Awareness

91. Who built the temple of Pasupatinath?
    a) SukaDev
    b) PratapMalla
    c) PrachadaDev
    d) GunakamaDev

92. How many mountains having height more than 8,500m are in Nepal?
    a) 3
    b) 4
    c) 5
    d) 6

93. Which planet has been recently found as an asteroid, not the planet?
    a) Pluto
    b) Venus
    c) Jupiter
    d) Saturn

94. NEPSE is a
    a) Travel agency
    b) Stock exchange
    c) Computer software
    d) Drug

95. The branch of science which deals with study of changes taking place in atmosphere is:
    a) Mammography
    b) Meteorology
    c) Mycology
    d) Morphology
    e)

96. ISO signifies
    a) International organization For standardization
    b) Standardization International Organization
    c) Internal Standard Organization
    d) International Standardized Organization

97. VAT is a form of
    a) Direct tax
    b) Indirect tax
    c) Material tax
    d) Information tax

98. Which blood is universal acceptor?
    a) O
    b) A
    c) AB
    d) B

99. The first bank established in Nepal is,
    a) Nepal Rastra Bank
    b) RashtryaBanijya Bank
    c) Agriculture Development Bank
    d) Nepal Bank Limited

100. Swami Ramdeo is known for
    a) Yoga
    b) The art of living
    c) Bipasyana
    d) Quality Control