



Gandaki University

गण्डकी विश्वविद्यालय

Pokhara, Nepal

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Entrance Examination 2080 (2023) Bachelor of Business Administration (BBA)

Symbol No.:

Time: 120 minutes

In words:.....

Total Questions: 100

Encircle 'o' the correct answer from the multiple choices.

1. The number of subsets of a set A having 3 elements is:

- (A) 4 (B) 6 (C) 8 (D) 9

2. If $U = \{1, 2, 3, 4, 5\}$ and $A = \{2, 4\}$ then \bar{A} should be

- (A) $\{1, 3, 5\}$ (B) $\{2, 4\}$ (C) $\{1, 2, 3, 4, 5\}$ (D) $\{2, 4, 5\}$

3. If two sets A and B are given, then the set consisting of all the elements which are either in A or in B or in both is called

- (A) Intersection of A and B (B) Union of A and B
(C) Complement of A (D) Complement of B

4. For some integer n , every odd integer is of the form:

- (A) $2n - 1$ (B) $2n + 1$ (C) both A and B (D) none of the above

5. The product of two consecutive natural numbers is always:

- (A) even number (B) prime number (C) odd number (D) even or odd

6. The degree of the polynomial, $x^3 - x^2 + 2x - 1$ is

- (A) 0 (B) 1 (C) 2 (D) 3

7. If $\$20 = \text{£}15$, how much dollars (\$) can be exchanged for $\text{£}3$?

- (A) \$4 (B) \$5 (C) \$6 (D) \$8

8. Which of the following sets are null sets?

- (A) $\{0\}$ (B) \emptyset (C) $\{\}$ (D) Both (B) & (C)

9. If the digits of the numbers 5372648 are arranged in an ascending order, how many digits will remain at the same position?

- (A) One (B) Two (C) Three (D) Four

10. The simple interest on Rs 800 at 8% for six months is

- (A) Rs 64 (B) Rs 48 (C) Rs 32 (D) Rs 24

11. If $x^2 = 4$ then the value of x is

- (A) $-2, 2$ (B) 2 (C) -2 (D) None of these

12. In any case, the common ratio (r) in Geometric Progression cannot be

- (A) 0 (B) 1 (C) 2 (D) 3

13. The slope of the line $ax + by + c = 0$ is

- (A) a/b (B) $-a/b$ (C) $-c/b$ (D) c/b

14. If $A = \begin{bmatrix} 3 & 2 \\ 6 & 4 \end{bmatrix}$ then determinant of A is, i.e. $|A| =$

- (A) 0 (B) 12 (C) 24 (D) -24

15. If $(3)^x = 81$, then what is the value of x ?

- (A) 3 (B) 4 (C) 9 (D) 27

16. If the cost price is 25% of selling price. Then what is the profit percent?

- (A) 150% (B) 200% (C) 300% (D) 350%

17. A card is drawn at random from a well-shuffled deck of 52 cards. What is the probability of getting a red card?

- (A) $\frac{1}{26}$ (B) $\frac{1}{52}$ (C) $\frac{1}{4}$ (D) $\frac{1}{2}$

18. The total of all the observations divided by the number of observations is called

- (A) Arithmetic mean (B) Geometric mean (C) Median (D) Harmonic mean

19. If $f(x) = x^2 - 2$, then $f(3) =$

- (A) 9 (B) 8 (C) 7 (D) 6

20. The distance between the point $P(1, 4)$ and $Q(4, 0)$ is

- (A) 4 (B) 5 (C) 6 (D) $3\sqrt{3}$

21. The distance of the point $P(2, 3)$ from the x-axis is

- (A) 1 (B) 2 (C) 3 (D) 4

22. If r is the radius of the sphere, then the surface area of the sphere is given by

- (A) $4\pi r^2$ (B) $2\pi r^2$ (C) πr^2 (D) $\frac{4}{3}\pi r^2$

23. A cylindrical pencil sharpened at one edge is the combination of

- (A) a cone and a cylinder (B) frustum of a cone and a cylinder
(C) a hemisphere and a cylinder (D) two cylinders

24. Relation between price and demand is

- (A) positive (B) negative (C) one to one (D) no relationship

25. What will be the cost of a bag costing Rs 1800 after levying 10% VAT?

- (A) Rs 1908 (B) Rs 1980 (C) Rs 1890 (D) Rs 1620

26. What is the area of a circle whose radius is the diagonal of a square of area 4cm^2 ?

- (A) 2π (B) $2\sqrt{2}\pi$ (C) 4π (D) 8π

27. If a, b, c are in arithmetic progression then

- (A) $b = a + c$ (B) $b^2 = a + c$ (C) $2b = a + c$ (D) $2b^2 = a + c$

28. The cost of a machine is estimated to be decreasing at the rate of 15% every year. If it costs 6,000 now, what will be the estimated value of the machine after 2 years?

- (A) 3,750 (B) 4,335 (C) 3,225 (D) 5,000

29. During a semester, a student received scores of 76, 80, 83, 71, 80 and 78 on six tests. What is the student's mean score?

- (A) 76 (B) 77 (C) 78 (D) 74

30. Which of the following statements expresses the fact that the product of two numbers, a and b , is 6 greater than their sum?

- (A) $ab + 6 > a + b$ (B) $ab = a + b + 6$ (C) $ab + 6 = a + b$ (D) $ab > a + b + 6$

31. Select the right alternative from the given alternative- HIVE: BEE::EYRIE:?

- (A) Parrot (B) Pigeon (C) Eagle (D) Sparrow

32. Sita and Rita are two friends who are facing each other. Shadow of Sita falls on the left side of Rita, so in which direction Sita is facing. ?

- (A) North (B) South (C) West (D) East

33. Look at this series: 22, 21, 23, 22, 24, 23, ... What number should come next?

- (A) 22 (B) 24 (C) 25 (D) 26

34. In the school midterm exams, David has lower marks than Dechen, but has more than Sonam. However, Karma also has more marks than David. Who has the lowest mark?

- (A) David (B) Dechen (C) Sonam (D) Karma

35. A boat started its journey downstream at 8:00 AM. It reached a point at 1:00 PM which is 25 km away from the starting point, while for covering the same distance upstream it takes 6 hours. What is the speed of the boat in still water?

- (A) 4.65 km/h (B) 5 km/h (C) 4.59 km/h (D) 4.95 km/h

36. The amount of Rs. 33,630 is divided among A, B and C in such a manner that the ratio of the amount of A to that of B is 3:7 and the ratio of the amount of B to that of C is 6:5. The amount of money received by B is: -----.

- (A) Rs. 14,868 (B) Rs. 16,257 (C) Rs. 13,290 (D) Rs. 12,390

37. Five school friends are meeting up 15 years after graduating from school and are comparing their wealth with one another. It is discovered that

- i. Ram is wealthier than Shyam.
- ii. Hari is wealthier than Ram.
- iii. Hari is wealthier than both Krishna and Shankar.
- iv. Krishna is less wealthy than Shyam.
- v. Krishna is not the poorest member in the group.

Who is the least wealthy member in the group?

- (A) Shyam (B) Krishna (C) Shankar (D) Ram

38. Look at this series: 2, 1, $(1/2)$, $(1/4)$, ... What number should come next?

- (A) $(1/3)$ (B) $(1/8)$ (C) $(2/8)$ (D) $(1/16)$

39. If A:B= 2:3, B:C=5:4, C:D=3:7, A:B:C:D is

- (A) 10:15:12:24 (B) 10:15:28:12 (C) 10:15:12:28 (D) 28:12:10:15

40. Here are some words translated from an artificial language.

- *gorblflur* means fan belt
- *pixngorbl* means ceiling fan
- *arthtusl* means tile roof

Which word could mean “ceiling tile”?

- (A) *gorbltusl* (B) *flurgorbl* (C) *arthflur* (D) *pixnarth*

41. If 5 boys write 5 pages in 5 minutes, in how many minutes can a boy write one page?

- (A) 4 mins (B) 5 mins (C) 6 mins (D) 7 mins

42. Essential part of *harvest* is *crop*. What is the essential part of *desert*?

- (A) cactus (B) arid (C) oasis (D) flat

43. The present ages of elder and younger brothers are 13 years and 7 years, respectively. After how many years the product of their ages will be 280?

- (A) 5 (B) 6 (C) 7 (D) 9

44. A is B's sister. C is B's Mother. D is C's Father. E is D's mother. Then how is A related to D?

- (A) Brother (B) Son (C) Uncle (D) Granddaughter

45. Three of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

- (A) Stem (B) Tree (C) Root (D) Branch

46. The antonym of ‘Shrink’ is.....

- (A) Stretch (B) Contract (C) Spoil (D) Expand

47. A person of good understanding knowledge and reasoning power is called.....

- (A) Expert (B) Intellectual (C) Snob (D) Literature

48. The passive form of the statement, ‘Someone has stolen my pen’ is.....

- (A) My pen has been stolen by someone (B) My pen was stolen
(C) My pen has been stolen (D) My pen is stolen

49. I will invite you.....Christmas Day.

- (A) on (B) in (C) at (D) upon

50. Which of the following words has a different initial sound?

- (A) Chess (B) Check (C) Chemical (D) Chairman

51. Find the correct spelling.

- (A) Exccssive (B) Excessive (C) Exesive (D) Exxeessive

52. A French Woman

P: committed suicide

Q: where she had put up

R: who had come to Calcutta

S: by jumping from the first-floor balcony of the hotel The Proper sequence should be:

- (A) RPSQ
(B) PQRS
(C) SRPQ
(D) QRSP

53. What is the meaning of the idiom 'to pick hole'?

- (A) To cut some part of an item (B) To destroy something
(C) To find some reason to quarrel (D) To criticize someone

54. How many syllables do you find in the word 'University'?

- (A) 3 (B) 4 (C) 5 (D) 6

55. Which word would find in a dictionary that comes between guidewords Kiwi.....Knit

- (A) King (B) Kitty (C) Knob (D) Knife

56. I am a regular reader ofKantipur Daily.

- (A) a (B) an (C) the (D) no article

57., I wouldn't have suffered from hunger.

- (A) If I had had a meal on time (B) If I had meal on time
(C) If I have meal on time (D) If I take meal on time

58. None loves him,.....?

- (A) don't they (B) do they (C) does he (D) did he

59.his illness, he went to college yesterday.

- (A) Because of (B) Due to (C) Despite (D) Because

60. The chairman, with the directors,..... present today.

- (A) is (B) are (C) have been (D) were

61. He has already completed his task. Its negative form is.....

- (A) He hasn't still completed his task. (B) He hasn't completed his task now.
(C) He hasn't already completed his task. (D) He hasn't completed his task yet.

62. The teacher left the class when the bell.....

- (A) rings (B) rang (C) had rung (D) is ringing

63. Father said, 'be an engineer, my son.' Its indirect speech is

- (A) Father blessed him/me to be an engineer.
 (B) Father blessed his son to be an engineer
 (C) Father said that his son should be engineer.
 (D) Both A and B

64. I can't.....the pain.

- (A) bear (B) beer (C) bare (D) bore

65. Mr. Rana made his wife.....his shoes.

- (A) to polish (B) polish (C) polished (D) polishing

66. Pointing to a photograph, a man said, "I have no brother, and that man's father is my father's son." Whose photograph, was it?

- (A) His son (B) His own (C) His father (D) His nephew

67. Will youmy request?

- (A) expect (B) except (C) aspect (D) accept

68. The poem 'Corona Say' was written by.....

- (A) Bishnu S. Rai (B) William Shakespeare
 (C) W.B Yeats (D) Emily Dickinson

69. In which case, will you find the error among the following pieces of sentences?

- (A) If I had known (B) this yesterday
 (C) I will have helped him. (D) no error

70.The babysitter.....the girl while the parents were not at home.

- (A) looked up (B) looked over (C) looked at (D) looked after

71. Math poses difficulties. There's little room for eyewitness testimony, seasoned judgment, a skeptical eye or transcendental rhetoric.

As used in above sentence, the word "seasoned" most nearly means

- (A) determined (B) tasteful (C) experienced (D) objective

72. Choose the prefix that should be added to 'legible' to form its antonym

- (A) Dis (B) Mis (C) In (D) Il

73. What is the word class of the word underlined in the sentence: 'I usually go to university on foot.'

- (A) Noun (B) Verb (C) Adverb (D) Adjective

74. We have already finished our work. Its negative form is:

- (A) We have already not finished our work (B) We have not already finished our work
(C) We do not have already finished our work (D) We have not finished our work yet

75. 'Please shut the door now'. This is an example of _____ sentence.

- (A) declarative (B) exclamatory (C) interrogative (D) imperative

76. What is Nike's famous slogan known for inspiring athletes and enthusiasts around the world?

- (A) Just play it (B) Just do it (C) Just run it (D) Just win it

77. What does "NEPSE" stand for in the context of financial markets?

- (A) National Economic Policy and Securities Exchange
(B) National Economic Policy and Securities Exchange
(C) National Electronic Payment System Exchange
(D) Nepal Stock Exchange Limited

78. Which company invented ChatGPT?

- (A) Google (B) Microsoft (C) OpenAI (D) IBM

79. Which of the following best defines "opportunity cost"?

- (A) The total cost incurred in producing a good or service
(B) The cost of resources used in production
(C) The value of the next best alternative foregone when a choice is made
(D) The price consumers are willing to pay for a product

80. What does GDP stand for in economics?

- (A) Gross Domestic Products (B) General Development Program
(C) Global Demand and Production (D) Government Debt Portfolio

81. Which social media platform is primarily focused on professional networking and career development?

- (A) Facebook (B) Twitter (C) LinkedIn (D) Instagram

82. What does IPO stand for in the context of finance?

- (A) Initial Public Offering (B) Investment Portfolio Order
(C) International Profit Organization (D) Investor Protection Office

83. In business ethics, what does CSR stand for?

- (A) Corporate Sales and Revenue
- (B) Customer Satisfaction and Retention
- (C) Consumer Services and Relations
- (D) Corporate Social Responsibility

84. What type of business structure is characterized by a single owner who is personally liable for the business's debts?

- (A) Corporation
- (B) Partnership
- (C) Limited Liability Company
- (D) Sole Proprietorship

85. What is the primary function of the World Trade Organization (WTO)?

- (A) Regulating global financial markets
- (B) Promoting environmental conservation
- (C) Facilitating international trade and resolving trade disputes
- (D) Promoting global tourism

86. Who is the author of the book "The Wealth of Nations", which laid the foundation for modern economics?

- (A) John Maynard Keynes
- (B) Karl Max
- (C) Adam Smith
- (D) Promoting Goal Tourism

87. What is a business plan?

- (A) A document outlining the company's marketing strategy
- (B) A financial statement showing profit and loss
- (C) A written document detailing a business's goals and how it will achieve them
- (D) A document specifying the company's organizational structure

88. What is a unique selling proposition (USP)?

- (A) The legal documents required to start a business
- (B) The primary location of a business
- (C) A distinctive feature or benefit that sets a business apart from its competitors
- (D) The financial plan for a business

89. Which of the following is a popular open-source operating system?

- (A) Windows
- (B) iOS
- (C) Android
- (D) Linux

90. What does "IoT" stand for in the context of technology and connectivity?

- (A) Internet of Things
- (B) Internet of Telecommunications
- (C) Internet of Trends
- (D) Internet of Textbooks

91. In computer storage, what does "SSD" stand for?

- (A) Solid-State Drive
- (B) Super Speedy Disk
- (C) Secure Storage Device
- (D) System Software Drive

92. How many local levels government are there in Nepal?
 (A) 751 (B) 752 (C) 753 (D) 754
93. Where is the smallest bone in the human body located?
 (A) Ear (B) Nose (C) Hand (D) Foot
94. Which gas is responsible for the ozone layer depletion in the atmosphere?
 (A) Oxygen (B) Carbon dioxide
 (C) Chlorofluorocarbon (CFCs) (D) Methane
95. What is the punishment for a player who receives a red card during a football match?
 (A) Caution (yellow card) (B) Temporary suspension (sin-bin)
 (C) Disqualification (sent off) (D) Warning from the referee
96. Which company produces KitKat chocolate?
 (A) Hershey (B) Mars, Inc (C) Nestle (D) Ferrero
97. What does the abbreviation “ISO” stand for in the context of quality standards?
 (A) International Standards Organization
 (B) International System of Operations.
 (C) International Society for Organizational Development
 (D) International Organization of Standardization
98. What is the main function of carbohydrates in the human diet?
 (A) Provide Insulation (B) Supply essential amino acids
 (C) Provide a quick source of energy (D) Aid in digestion
99. What is the process of converting spoken language into written form called?
 (A) Transcription (B) Translation (C) Interpretation (D) Syntax
100. “Because you’re worth it” is a slogan used by which cosmetics brand?
 (A) Maybelline (B) Revlon (C) L’Oreal (D) Estee Lauder

All the best !!!