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NABARD Grade A

Quant, Reasoning, Comp. & ARD (English)

Simplifying
Government Exams

SSC CHSL	IAS EXAM	RRB NTPC	NTSE	CDS
SSC CGL	CBSE UGC NET	IBPS PO	NDA	
SBI PO	IBPS CLERK	AFCAT	SSC JE	CTET
CSIR UGC NET	CAPF	IBPS RRB		

1.A started a business with a certain amount. After 4 months, B replaces A . The ratio of their investment is 7 : 3 . If the total profit after one year is Rs. 143000, then find the difference between the profit of A and B .
A. Rs. 12500
B. Rs. 11000
C. Rs. 13000
D. Rs. 14500
E. None of these

2.Waqar sold a watch after giving a discount of 13% on the marked price and gained 30.5% profit. If he had sold it at 30% discount on marked price then find the gain or loss percentage of the watch.
A. 3% loss
B. 4% gain
C. 6% loss
D. 5% gain
E. None of these

Direction: What should come in the place of question mark (?) in the given question?
3.
1, 3, 9, 31, ?, 651
A. 129
B. 132
C. 121
D. 119
E. 108

4.8, ?, 45, 110, 236, 453
A. 18
B. 20
C. 17
D. 24
E. None of these

Direction: What should come in the place of question mark (?) in the given question?
5. 28, 29, 27, 33, 9, ?
A. 129
B. 132

C. 124
D. 115
E. 144

6.Ratio of age of A and B is 4 : 5 . Eight years hence, age of A will be equal to sum of B's age 8 years ago and C's age 8 years ago. If average of present ages of B and C is 30, find the present age of C .
A. 24 years
B. 15 years
C. 12 years
D. 20 years
E. None of these

7.There are two right circular cylinders C_1 and C_2. The ratio of the volumes of C_1 and C_2 is 4 : 1, and the heights of C_1 and C_2 are equal. If the difference between the radius of C_1 and C_2 is 7 cm, then find the radius of C_2.
A. 10 cm
B. 5 cm
C. 7 cm
D. 10.5 cm
E. None of these

Direction: Study the following information carefully and answer the questions that follow:
The table given below shows the data regarding the number of people(male + female) that registered for a seminar and the percentage of people(male + female) that attended the seminar out of those registered on four different days.(Monday, Tuesday, Wednesday, Thursday) The ratio of the males to females registered for seminar is also given.

Day	Total people registered for seminar (male + female)	Male : Female registered	Percentage of people who attended the seminar (male + female)
Monday	875	4 : 3	80%
Tuesday	1250	12 : 13	70%
Wednesday	1100	7 : 4	50%
Thursday	1500	3 : 2	60%

8.

If total number of people (male + female) that registered on Friday is 20% more than the total number of people (male + female) registered on Monday and there were 40% females among whom registered on Friday then find the number of males who registered on Friday.
A. 720
B. 690
C. 630
D. 750
E. 600

9.Find the difference between the total number of people (male + female) that registered for the seminar on Tuesday and Wednesday and total number of people (male + female) that attended the seminar on Monday and Thursday.
A. 750
B. 690
C. 800
D. 840
E. 720

10.If on Wednesday, the ratio of number of males and females who attended the seminar was 4 : 1, then the number of females who registered for the seminar but did not attend the seminar.
A. 200
B. 260
C. 320
D. 290
E. 350

Direction: Study the following information carefully and answer the questions that follow:
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four different days.(Monday, Tuesday, Wednesday, Thursday) The ratio of the males to females registered for seminar is also given.

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Monday	875	4 : 3	80%
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Wednesday	1100	7 : 4	50%
Thursday	1500	3 : 2	60%

11. The number of females registered for seminar on Thursday is what percentage more than the number of males registered for seminar on Monday.
A. 18%
B. 25%
C. 20%
D. 30%
E. None of these

Direction: Study the following information carefully and answer the questions that follow:
The table given below shows the data regarding the number of people(male + female) that registered for a seminar and the percentage of people(male + female) that attended the seminar out of those registered on four different days.(Monday, Tuesday, Wednesday, Thursday) The ratio of the males to females registered for seminar is also given.

Day	Total people registered for seminar (male + female)	Male : Female registered	Percentage of people who attended the seminar (male + female)
Monday	875	4 : 3	80%
Tuesday	1250	12 : 13	70%
Wednesday	1100	7 : 4	50%
Thursday	1500	3 : 2	60%

12. What is the ratio of the number of people that attended the seminar on Tuesday and number of people that attended the seminar on Wednesday?
A. 25 : 23
B. 35 : 22
C. 30 : 23
D. 28 : 25
E. None of these

13. If on Thursday, 40% of females who registered for seminar also attended it then find the number of males who attended seminar.
A. 660
B. 720
C. 690
D. 750
E. 600

14. Monthly income of Waseem is 130% of Shabana. Savings of Waseem and Shabana are equal and they spend the remaining. Shabana saves Rs. 12000 per month which is 20% of her monthly salary. How much does Waseem spend in a month?
A. Rs. 70000
B. Rs. 56000
C. Rs. 64000
D. Rs. 66000
E. None of these

15. A vessel contains 240 litres of mixture of milk and water in which the quantity of milk is 200 litres. If 40 litres of water is added to vessel and 35 litres of mixture is taken out, then the quantity of milk in mixture is approximately what percent of total quantity of mixture?
A. 61%
B. 75%
C. 65%
D. 71%
E. 80%

16. Two pipes A and B can fill a tank in 16 hours and 20 hours. If the tank is already $\frac{1}{4}^{th}$ full and pipe A is opened for 6 hours and then closed, then in how much time can pipe B fill the remaining part of the tank alone?
A. 7.5 hours
B. 9 hours
C. 7.2 hours

D. 8 hours
E. None of these

17. The interest earned on a sum of money is 37.5% of the amount earned on the same sum of money when invested for 4 years in a scheme offering simple interest at R% per annum, find the value of R.
A. 12
B. 15
C. 8
D. 10
E. None of these

Direction: In the following question two equations are given in variables X and Y. You have to solve these equations and determine the relation between X and Y.
18.
I. $x^2 - 5x - 84 = 0$
II. $y^2 - 9y - 52 = 0$
A. x > y
B. x ≤ y
C. x < y
D. x ≥ y
E. x = y or relationship between x and y can't be established

19.
I. $x^2 + 7x + 12 = 0$
II. $y^2 + 5y + 6 = 0$
A. x > y
B. x ≤ y
C. x < y
D. x ≥ y
E. x = y or relationship between x and y can't be established

Direction: In the following question two equations are given in variables X and Y. You have to solve these equations and determine the relation between X and Y.
20.
I. $3x^2 + 8x + 4 = 0$
II. $6y^2 + 7y + 2 = 0$

A. x > y
B. x ≤ y
C. x < y
D. x ≥ y
E. x = y or relationship between x and y can't be established

Direction: Study the following information carefully and answer the given questions.

Eight people P, Q, R, S, T, U, V, and W live on eight different floors of the building but not necessarily in the same order. Each person lives in a building with floors numbered as 1 to 8 from bottom to top.

U lives on an odd-numbered floor above the fourth floor. Only three people live between U and W. Number of people live above W is same as the number of people live below P. Three people live between P and R. V lives on an odd-numbered floor immediately above Q. Only two people live between V and S. T lives on the lowermost floor.

21.
Who lives immediately below U?
A. R
B. U
C. Q
D. P
E. W

22.Q lives on the _____ floor.
A. 4ᵗʰ
B. 6ᵗʰ
C. 2ⁿᵈ
D. 1ˢᵗ
E. None of the above

23.Who lives on the 3ʳᵈ floor?
A. P
B. Q
C. R

D. T
E. W

24.Who lives on the topmost floor?
A. S
B. P
C. R
D. Q
E. T

25.How many people live between U and W?
A. 2
B. 3
C. 4
D. 6
E. 5

Direction: In each of the questions below are given few statements followed by four conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow from the given statements disregarding commonly known facts.

26.
Statements:
Some path are trail.
All trail are stain.
Some stain are fast.
Conclusions:
I. Some trail are stain.
II. Some path are stain.
A. Only I follows
B. Only II follows
C. Both I and II follow
D. Either I or II follow
E. Neither I nor II follows

27.**Statements:**
Some Sword are Pistol.
No Knife are Risk.
All Pistol are Knife.
Conclusions:

I. No pistol is Risk
II. Some Sword are not Knife.
A. Only I follows
B. Only II follows
C. Both I and II follow
D. Either I or II follow
E. Neither I nor II follows

28.**Statements:**
All ball is rat.
All rat is feather.
No feather is troll.
Conclusions:
I. Some feather are ball.
II. Some troll are rat.
A. Only I follows
B. Only II follows
C. Both I and II follow
D. Either I or II follows
E. Neither I nor II follows

29.**Statements:**
Some crow are doll.
All doll are clove.
Some clove are route.
Conclusions:
I. Some doll are route.
II. Some crow are clove.
A. Only I follows
B. Only II follows
C. Both I and II follow
D. Either I or II follows
E. Neither I nor II follows

30.**Statements:**
All planes are aslant.
Some aslant are fans.
All fans are bans.
Conclusions:
I. All planes being fans is a possibility.
II. Some bans are planes.
A. Only I follows
B. Only II follows
C. Both I and II follow
D. Either I or II follows
E. Neither I nor II follows

Direction: Study the following information and answer the given questions below.

Eight girls M, N, O, P, Q, R, S and T are sitting on a circular table, not necessarily in the same order, such that some of them are facing an inward direction and others are facing an outward direction. N is sitting 3rd to the left of R, who is facing inside. Four girls are sitting between M and N. O, who is facing outside the table, is an immediate neighbour of neither M nor N. P faces the same direction as the person seated opposite to her is facing. T sits fifth to the left of Q, who is not adjacent to N. S and R is not facing the same direction. P sits to the immediate left of N. T and M face the same direction but opposite to P. S doesn't sit exactly between R and M.
31.
Who sits sixth to the left of M?
A. O
B. R
C. N
D. T
E. None of the above

32.How many people face outside the table?
A. 5
B. 3
C. 2
D. 4
E. None of the above

Direction: In each question, some statements and two conclusions are given. You have to decide which of the given conclusions logically follow(s) according to the given statements. Study the following data carefully and answer the questions accordingly.
33.
Statements:
A < R = F ≤ N; C ≤ B ≥ L > S= N

Conclusions:
I. A ≥ L
II. S ≥ F
A. Only I follows
B. Only II follows
C. Either I or II follows
D. Neither I nor II follows
E. Both I and II follow

34.**Statements:**
Q ≥ E ≤ A < L; H ≤ E ≥ M = L
Conclusions:
I. L ≤ Q
II. L < H
A. Only I follows
B. Only II follows
C. Either I or II follows
D. Neither I nor II follows
E. Both I and II follow

35.**Statements:**
A > F ≥ D= R; N< X > J ≥ R; S > B ≤ V = A
Conclusions:
I. X > B
II. V > J
A. Only I follows
B. Only II follows
C. Either I or II follows
D. Neither I nor II follows
E. Both I and II follow

Direction: Study the following data carefully and answer the questions accordingly.

Ten people are born in five different months i.e. January, March, June, September, and October of the same year, two people were born in one month.

Note: Persons born in the same month are "time twins" i.e. they were born at the same time on the same day, in the same month.

W was born just before S and just after V. U and P were born in the same month having 31 days. S was born in a month having 30 days. R is just elder than X and just younger than Q. X is neither the youngest nor the eldest person in the group. Y is elder than T who was not born in the same month as S.

36.
T was born before _____ but after _____.
A. Y, R
B. Y, S
C. V, Q
D. U, P
E. None of the above

37.S was born in _____.
A. January
B. March
C. June
D. October
E. None of the above

38.Who among the following was born in January?
A. W
B. V
C. X
D. U
E. None of the above

39.How many people are younger than R?
A. 3
B. 4
C. 2
D. 6
E. None of the above

40.P was born in the month of _____.
A. January
B. March
C. October
D. June
E. September

41.When data changes in multiple lists and all lists are not updated, this causes _____.
A. data redundancy
B. information overload
C. duplicate data
D. data inconsistency
E. None of these

42.Which of the following search engines continuously sends out that starts on a homepage of a server and pursue all links stepwise ?
A. Spiders
B. Packets
C. Cookies
D. asPaddle
E. None of these

43.What kind of Protocol is used to provide Internet access from mobile?
A. TCP/IP
B. ISD
C. WAP
D. HTTP
E. None of these

44.One or more defects or problems that prevent the software from working as intended or working at all is a(n)_____.
A. Bug
B. Boot
C. Programming language
D. Fuzzy logic
E. None of these

45.Which of the following is used with databases?
A. Data mining
B. EDI
C. Credit cards
D. All of the above
E. None of the these

46.The type of computers used by large organizations for critical applications where a large number of transactions need to be processed are called
A. Mainframe computer
B. Mini-computer
C. Microcomputer
D. PDA
E. None of these

47.Which of the following is used by the browser to connect to the location of the Internet resources?
A. DOC
B. XML
C. HTML
D. URL
E. None of these

48._____is the process of dividing the disk into tracks and sectors.
A. Tracking
B. Formatting
C. Crashing
D. Allotting
E. None of these

49.The definition of thrashing is_____.
A. swapping data between virtual memory and RAM too frequently.
B. insufficient hard disk space.
C. too many processors being managed by the operating system.
D. inaccurate information stored in the registry.
E. None of these

50.A _____is a major database object used to display information in a printable page format.
A. form
B. query
C. report
D. table
E. None of these

51. The physical arrangement of elements on a page is referred to as a document's _____.
A. features
B. format
C. pagination
D. grid
E. None of these

52. What is a person called who uses a computer to cause harm to people or destroy critical systems?
A. Cyberterrorist
B. Black-hat hacker
C. Cyber Cracker
D. Hacktivist
E. None of these

53. The secret code that restricts entry to some programs_____.
A. password
B. passport
C. entry-code
D. access-code
E. None of these

54. A connection from one HTML document to another HTML document is called_____.
A. Hyper Link
B. Connecting Link
C. Icon
D. All of these
E. None of these

55. _____is the science and art of transforming messages to make them secure and immune to attacks.
A. Cryptography
B. Cryptoanalysis
C. Cryptology
D. cryptoanarchy
E. Cryptoanalytics

56. The _____ component is used by the data analyst to create the queries that access the database.
A. Data extraction

B. End-user query tool
C. End-user presentation tool
D. Data store
E. None of these

57. What does the acronym PDF stand for?
A. Portable Documentation File
B. Portable Document Format
C. Portable Document File
D. Portable Documenting Format
E. Portable Documentation Format

58. Normalization is a process of restructuring a relation to_____.
A. Minimize duplication of data in a database
B. Maximize duplication of data to ensure reliability in
C. Make it of uniform size
D. Allow addition of data
E. None of these

59. A network geometric arrangement in which a single connecting line is shared by a number of nodes is called_____.
A. Car Topology
B. Bus Topology
C. Truck Topology
D. All of the above
E. None of these

60. By viewing the properties of the local hard disk of a computer, the user can find out_____.
A. The amount of space that has been used up and the remaining free space on the disk.
B. The name of the user viewing the properties of the disk.
C. Nothing useful to the user.
D. The number of programs available in the computer.
E. None of these

61.Which type of Ecosystem has richest alluvial soil with adequate water?
A. Northern plain
B. North-East India
C. Eastern coastal Belt
D. Western coastal Belt
E. None of the above

62.Recently Union Finance Minister announced in the budget 2020-21 about the revival of Agriculture sector under _____ point programme?
A. Eight Point
B. Ten Point
C. Twelve Point
D. Sixteen Point
E. Twenty Point

63.Which of the following crops occupies largest area in India?
A. Onion
B. Garlic
C. Potato
D. Carrot
E. Cabbage

64.What is rosette in groundnut?
A. peanut pathogenic virus
B. peanut pathogenic bacteria
C. peanut pathogenic Fungi
D. peanut pathogenic Nematodes
E. None of the above

65.Which of the following crops is known as the white gold?
A. White Millets
B. Cotton
C. Silk
D. Sugarcane
E. None of the above

66.Padma Shri Award 2019 for this year under the category 'others-agriculture' has been awarded to whom?
A. Ms Kamla Pujari
B. Chandra Shekhar Singh

C. Jai Prakash Agarwal
D. Dalavai Chalapathi Rao
E. Sarita Joshi

67.Which of the following statements in incorrect regarding the PM-KISAN Samman Nidhi?
A. Scheme gives Rs. 6000 at the starting of the year
B. Farmers from both the urban and rural areas are eligible for the scheme
C. PM Kisan Yojana came into effect from December 1, 2018
D. Landholding farmers' families with cultivable landholding in their names can apply under this scheme
E. The scheme defines family as husband, wife and minor children

68.What is the operating ratio under farm management?
A. Ratio of operating expenses /Gross Profit
B. Ratio of operating expenses /Net Profit
C. Ratio of operating expenses /Gross Loss
D. Ratio of operating expenses /Total Expense
E. None of the above

69.Arrange the production share of horticulture crops in 2018-19?
A. Spices<Fruits<Vegetables
B. Fruits<Vegetables<Spices
C. Vegetables<Spices< Fruits
D. Vegetables<Fruits<Spices
E. Fruits<Spices<Vegetables

70.Arrange the production share of horticulture crops in 2018-19?
A. Spices<Fruits<Vegetables
B. Fruits<Vegetables<Spices
C. Vegetables<Spices< Fruits
D. Vegetables<Fruits<Spices
E. Fruits<Spices<Vegetables

71.Price Support Scheme and Price Deficiency Payment Scheme are part of which of the following schemes?
A. PM-KISAN Scheme
B. Krishi Sampada Yojana
C. PM Annadata Aay Sanrakshan Abhiyan
D. Pradhan Mantri Krishi Sinchai Yojana
E. None of the above

72.Which committee recommended democratic decentralization of that later came to be known as Panchayati Raj?
A. Balwant Rai Mehta Committee
B. Fazal Ali Committee
C. G V K Rao Committee
D. L M Singhvi Committee
E. Narasimham Committee

73.Which soil has the highest water retaining capacity?
A. Black Soil
B. Clay Soil
C. Alluvial Soil
D. Laterite Soil
E. Red Soil

74.What percent of Subsidy to be provided for combine Harvester?
A. 20 per cent
B. 25 per cent
C. 30 per cent
D. 35 per cent
E. 40 per cent

75.Which of the following is the most deciding factor to determine the Minimum Support Price (MSP) taken into consideration by the Commission for Agricultural Costs and Prices (CACP)?
A. Cost of production
B. Changes in input prices
C. Input-output price parity
D. Trends in market prices
E. Demand and supply

76.Which fish lives in fresh water but breed in salt water?
A. Anadromous fishes
B. Catadromous fishes
C. Diadromous fishes
D. Potamodromous fishes
E. Oceanodromous fishes

77.Which soil has self-ploughing property?
A. Black Soil
B. Clay Soil
C. Alluvial Soil
D. Laterite Soil
E. Red Soil

78.Interest subvention of 2% is given to farmers, what is the interest rate before subvention?
A. 5%
B. 6%
C. 7%
D. 8%
E. 9%

79.Which of the following is not true about the 'Deen Dayal Antyodaya Yojna'?
A. Livelihood of only Urban BPL Families is covered
B. Livelihood of Urban poor folks through skill development
C. National Rural Livelihoods Mission (NRLM) also covered under the scheme
D. Urban component of scheme will be implemented by the Ministry of Housing and Urban Poverty Alleviation.
E. Rural component of the will be implemented by the Ministry of Rural Development.

80.Banking correspondent model was introduced by the Reserve Bank of India in which year?
A. 2003

B. 2004
C. 2005
D. 2006
E. 2008

81. Which state is the largest producer of sunflower?
A. Tamil Nadu
B. Madhya Pradesh
C. Uttar Pradesh
D. Karnataka
E. Andhra Pradesh

82. The most dominant fraction of soil degradation in India in dry land climate zone (semi-Arid zone) is _____.
A. Wind Erosion
B. Gully Erosion
C. Splash erosion
D. Sheet Erosion
E. Rill Erosion

83. 100 Days employment is provided under which scheme?
A. MGNREGA
B. Rural Poverty Alleviation Programme
C. Jawahar Rojgar Yojna
D. Mahila Samriddhi Yojna
E. Swarn Jayanti Shahri rojgar Yojna

84. Maximum greenhouse gases are released from _____.
A. Construction Sector
B. Energy Sector
C. Transport Sector
D. Manufacturing Sector
E. Agriculture Sector

85. Which is the most serious disease of poultry in India?
A. Ranikhet
B. Fowl Pox
C. Fowl Coccidiosis
D. Fowl Coryza
E. None of the above

86. Economic life of Poultry layer bird is _____.
A. 6 weeks
B. 12 weeks
C. 14 weeks
D. 18 weeks
E. 22 weeks

87. Which nutrients is required for synthesis of sugar in sugarcane?
A. Calcium
B. Potassium
C. Iron
D. Sodium
E. Starch

88. Irrigation projects having Culturable Command Area (CCA) of less than _____ each are classified as minor projects?
A. 2000 hectares
B. 4000 hectares
C. 6000 hectares
D. 10,000 hectares
E. 15,000 hectares

89. Which among the following is the most efficient crop in the world in converting energy from sunlight into chemical energy?
A. Sugarcane
B. Wheat
C. Rice
D. Beetroot
E. Pumpkin

90. Healthy earth green farm (Swasth Dhara Khet Hara) is a logan of which scheme?
A. Neem Urea Scheme
B. Integrated Wasteland Development Programme
C. Soil Health Card Scheme
D. Watershed Management Programme
E. None of the above

91. According to India Meteorological Department (IMD), a rainy day has been defined as a day with rainfall of:
A. 1 mm
B. 2 mm
C. 2.5 mm
D. 3 mm
E. 4 mm

92. Which of the following pair of main crop and trap crop is correct?
A. Rice and Moong
B. Wheat and Green Gram
C. Green gram- Moong
D. Garlic and Basil
E. None of the above

93. The sheep breed with the finest quality of carpet wool is _____.
A. Chokla
B. Marwari
C. Jamnapari
D. Nilgiri
E. Lohi

94. Which state has the highest coverage under micro irrigation?
A. Karnataka
B. Uttara Pradesh
C. Rajasthan
D. Tamil Nadu
E. Maharashtra

95. What is the botanical name of the Elephant Grass?
A. Pennisetum purpureum Schumach
B. Cynodon dactylon
C. Stenotaphrum secundatum
D. Sporobolus tremulus
E. Poa annua

96. Which of the following is the regulator of commodity exchange?

A. RBI
B. SEBI
C. IRDAI
D. TRAI
E. PFRDA

97. Lancing is practiced in which crop?
A. Opium
B. Cotton
C. Almonds
D. Saffron
E. Cashew

98. Which is the knowledge partner of the committee on doubling the farmers income?
A. NCAER
B. CSIR
C. ICAR
D. NITI Aayog
E. None of the above

99. Crop best suited for crop rotation to enrich soil with nitrogen?
A. Alfalfa
B. Tea
C. Garlic
D. Basil
E. Sugarcane

100. Tipping is practiced in cultivation of which crop?
A. Alfalfa
B. Tea
C. Garlic
D. Basil
E. Sugarcane

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