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CHB Clerk

Previous Year Paper
5 March, 2023



CHANDIGARH HOUSING BOARD
POST: CLERK
Question Booklet & Answer Key
05.03.2023 (SUNDAY)



Directions (Q1 to 3): Identify the error in the underlined parts of the following sentences and choose the correct answer from the options that follow:

1. She, together with her pet dog, were seen at the railway station last evening.
A) B) C) D)
2. Now that Hari is back at work, he has beginning to feel much better.
A) B) C) D)
3. He has a passion for climbing mountains
A) B)
and is contemplates to scale the Mount Everest next year.
C) D)

Directions (Q4 to 6): Identify the correct preposition to be filled in the blanks

4. Such a step will be prejudicial _____ his interests.
A) to B) on C) from D) at
5. Sita is confident _____ her success.
A) over B) from C) in D) of
6. You have to abide _____ the rules.
A) into B) by C) from D) on

Directions (Q7 & 8): Choose the correct synonym for the underlined words

7. Flippant
A) Impudent B) Polite C) Earnest D) Gentle
8. Fatuous
A) Smart B) Stupid C) Feasible D) Feeble

Directions (Q9 & 10): Choose the correct antonym for the underlined words

9. Exude
A) Display B) Hide C) Emanate D) Reveal
10. Ephemeral
A) Permanent B) Entreat C) Transient D) Fast

Directions for (Q11 to 13): Choose the correct meaning of the underlined idioms:

11. To run out of steam
A) A very loud and noisy rain storm B) To run out of an engine
C) To lose enthusiasm and stop doing something D) To run the machine with steam
12. To pull a long face
A) to look happy B) to look treacherous C) to look ugly D) to look dejected
13. To put a spoke in one's wheel
A) to be angry with someone B) to be lazy
C) to thwart someone in the execution of her/his work D) to be overjoyed

Directions (Q14 & 15): The questions below consist of a set of labelled sentences. Out of the given options, select the most logical order of the sentences to form a coherent paragraph:-

14. P: However, our environment also needs some help from all of us to get maintained as usual to nourish our lives forever and to never ruin our lives.
Q: It gives us all things which we need to live our life on this planet.
R: It provides us better medium to grow and develop.
S: An environment includes all the natural resources which surround us to help in many ways.
A) PQRS B) QPSR C) SRQP D) QSPR
15. P: He raised his voice against ritualism and idol worship.
Q: People are generally very open and accept social changes with a positive attitude.
R: Swami Dayanand Saraswati is remembered with reverence and affection among the social reformers of the nineteenth century.
S: India is a country that respects spirituality much more than materialism and ritualism.
A) QRSP B) PRSQ C) RSPQ D) SQRP

Directions (Q16 & 17): Choose the word correctly spelt out of the given options:

16. A) Diarrohia B) Diarrhoea C) Diarohoea D) Dierrhoea
17. A) Scimitars B) Scemitar B) Scimetars D)



Directions (Q18 to 20): Choose the option that can be substituted for the given words/sentence:

18. *Pertaining to the west:-*
A) Occidental B) Oriental C) Terrestrial D) Celestial

19. *Science regarding principles of classification:-*
A) Taxidermy B) Taxonomy C) Toxicology D) Classicology

20. *Belief in many Gods:-*
A) Polytheism B) Monotheism C) Pantheism D) Atheism

21. The National Consumer Day is celebrated on:
A) March 24th B) September 15th C) December 24th D) December 10th

22. For the network of roads for Chandigarh, referred as 'circulatory system', Le Corbusier had proposed:
A) 7 Vs B) 8 Vs C) 6 Vs D) 5 Vs

23. Which of the following cities was first to have Indian Institute of Technology?
A) Delhi B) Bombay C) Madras D) Kharagpur

24. For which tribe is Tawang known for?
A) Katkari Tribe B) Monpa Tribe C) Onges Tribe D) Tharu Tribe

25. Aryabhata wrote ARYABHATIYAM at the age of:
A) 16 years B) 23 years C) 32 years D) 61 years

26. In which Part and Chapter of the Constitution was the Right to Property inserted after being removed from Part III?
A) Part XIV, Chapter I B) Part XI, Chapter I C) Part XI, Chapter III D) Part XII, Chapter IV

27. Which place was engaged in the Battle of Walong?
A) Anjaw B) Leh C) Sikkim D) Tawang

28. The Birth Rate in India is on decline since:
A) 1961 B) 1971 C) 1981 D) 1991

29. India's rank in Global Economic Freedom Index 2022 among 39 countries in the Asia Pacific Region is
A) 17th B) 22nd C) 27th D) 31st

30. As per the recent TRAI report, which of the following best indicates the number of Internet subscribers in India?
A) 725 million B) 840 million C) 955 million D) 1125 million

31. Which of the following is a mixed gland (i.e which secretes both enzymes and hormones)?
A) Salivary B) Pancreas C) Liver D) Thyroid

32. Where is Babina Field Fire Range situated?
A) Ajmer B) Gwalior C) Jaisalmer D) Jhansi

33. In which of the following set of years, India was not a non-permanent member of UN Security Council?
A) 1972, 1992, 2012 B) 1968, 1978, 1998 C) 1951, 1991, 2011 D) 1972, 1992, 2022

34. Which of the following statements about Mars Orbiter Mission (MOM) are true?
i) MOM made India, the first Asian nation to reach Martian orbit
ii) MOM made ISRO, the fifth space agency to achieve Mars orbit
iii) MOM made India, the first nation in the world to do so on its maiden attempt
A) i) and ii) B) ii) and iii) C) iii) and i) D) i), ii) and iii)

35. Which of the following Indian won the first Oscar Award?
A) Satyajit Ray B) A R Rehman C) Bhanu Athaiya D) Resul Pookutty

36. Which island is known as Subhash Chandra Bose Island?
A) Barren Island B) Neil Island C) Smith Island D) Ross Island

37. To provide study material in various Indian Languages, which portal was launched with 'Odia translated' engineering books?
A) e-Vidya B) e-SwayamPrabha C) e-KUMBH D) e-DIKSHA

38. When was Bharat Interface for Money (BHIM) launched?
A) 2014 B) 2016 C) 2018 D) 2020

39. Name the first and the recent president of Indian Olympic Association?
 A) Dorabji Tata & P. T. Usha respectively
 B) Dorabji Tata & Kiren Rijiju respectively
 C) Maharaja Bhupinder Singh & P. T. Usha respectively
 D) Maharaja Yadavindra Singh & Kiren Rijiju respectively

40. As per the new scheme of numbering National Highway, which one of the following set is true?
 i). All major Highways will be single digit or double digit in number
 ii). All north-south oriented highways will have odd numbers.
 A) Only i) is true B) Only ii) is true C) Both i) and ii) are true D) Both i) and ii) are false

41. Find the missing number of the series: 0, 1, 6, 21, 52, ?
 A) 83 B) 105 C) 114 D) 441

42. In a certain code language, “Never talk between others” is coded as “sm nt ro fi”; “Others should be helpful” is coded as “ro el ac jq”; “Never be time specific” is coded as “fi dg el pa”; “Focus between specific hours” is coded as “hy dg nt ks”
 What may be the possible code for “focus real” in the given code language?
 A) ks ze B) ro hy C) hy tr D) either A) or C)

43. P is the father of Q and R is the son of S. T is the brother of P. Q is the sister of R. How is S related to T?
 A) Brother in law B) Daughter C) Sister in law D) Brother

Directions(Q44 & 45): Eight persons K, L, M, N, O, P, Q and R are sitting in a row. Some of them are facing North while some are facing South. N sits fifth to the right of M but none of them sits at an extreme end. Q sits third to the right of N. L sits second to the right of Q. Only one person sits between L and P. R sits third to the left of P. K sits second to the left of O. Both the persons sitting at extreme ends faces opposite direction to each other. Both the immediate neighbours of M face same direction. R sits to the left of L and both of them are facing opposite direction to each other. R does not face north direction.

44. How many persons sit to the right of K?
 A) Two B) More than three C) Three D) One

45. Four of the following are alike in a certain way so form a group, which of the following does not belong to that group?
 A) K B) N C) O D) P

46. Sonu is looking for his father. He went 90 metres in the East before turning to his right. He went 20 metres before turning to his right again to look for his father at his uncle's place 30 metres from this point. His father was not there. From here he went 100 metres to the North before meeting his father in a street. How far and in which direction did the son meet his father from the starting point?
 A) 80 m, North B) 100 m, North East C) 140 m, North East D) 240 m, South East

47. In a row of girls, there are 16 girls between Kritika and Riya. Kritika is thirty second from the left end of the row. If Kritika is nearer than Riya to the right end of the row, then how far away is Riya from the left end of the row?
 A) Data inadequate B) 14th C) 15th D) 16th

48. Which interchanges of signs & numbers would make the following equation correct?
 $18 - 3 \div 6 + 24 \times 12 = 48$
 A) \div and \times , 3 and 12 B) \div and $-$, 12 and 6 C) \times and $+$, 3 and 6 D) \times and $-$, 3 and 6

Directions (Q49 & 50): A, B, C, D, E, F, G, H and J are sitting around a circle facing the centre. C is third to the left of A. E is fourth to the right of A. D is fourth to the left of J, who is second to the right of A. F is third to the right of B. G is not an immediate neighbor of A.

49. What is H's position with respect to E?
 A) Third to the left B) Fourth to the left C) Fifth to the right D) Fifth to the left

50. In which of the following groups, the third person is sitting between the first and the second person?
 A) CDF B) EBC C) HFA D) JGE

51. A person was asked to state his age in years. His reply was, 'Take my age three years hence multiply it by 3 and then subtract three times my age three years ago and you will know how old I am'. What was the age of the person?
 A) 18 years B) 20 years C) 24 years D) 32 years

52. Select the letter-cluster that can replace the question mark (?) in the following series.
 KQG, JTK, HXO, ECS, ?
 A) BIV B) AIW C) AHW D) BIX

Directions (Q53 & 54): A, B, C, D, K, L and M live on seven different floors of a building but not necessarily in the same order. The lower most floor of the building is numbered one and one above that is number two and so on till the topmost floor is numbered seven. Each one of the them are in different profession namely- Engineer, Doctor, Lawyer, Businessman, Teacher, Accountant and Salesman but not necessarily in the same order.

Only three people live between B and K. B lives on one of the floors above K. K does not live on the lowermost floor. Only one person lives between B and the one who is a Lawyer. Only two people live between M and the one who is a Lawyer. The one who is Engineer lives immediately above M. A lives immediately above L. A is not a Lawyer. The one who is Businessman lives on one of the odd numbered floors below L. M is not a businessman. D lives on one of the floor above C. Only one person lives between the one who is Teacher and the one who is Accountant. D is not a Teacher. M is not a Doctor

53. Which of the following statements is true with respect to the given arrangement?
 A) C is a Lawyer B) one who is Accountant lives immediately above K
 C) Only two people live between K & M D) C lives on an even numbered floor

54. If all the people are made to sit in alphabetical order from top to bottom, the positions of how many people will remain unchanged?
 A) Three B) Two C) One D) Four

55. Which of the conclusions supports the statement:
All the students in my class are bright. Manish is not bright.
 A) Some students are not bright. B) Manish must work hard.
 C) Non-bright ones are not students. D) Manish is not a student of my class.

56. In the question, a few statements followed by four conclusions I, II, III and IV are given. Consider every given statements as true, even if it does not conform to the well known facts. Read the conclusions and then decide which of the conclusions can be logically derived.

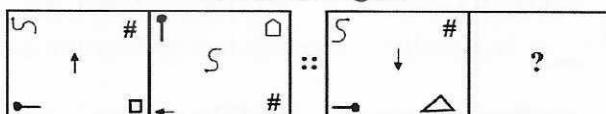
Statements : 1. All books are pens. 2. Some boys are books. 3. No pen is a pencil.

Conclusions : I. Some pens are boys. II. Some books are pencils.
 III. No Book is a pencil. IV. Some boys are not pencils.

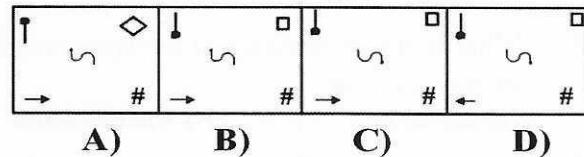
A) Only I, II and IV follow. B) Only II, III and IV follow.
 C) Only I, III and IV follow. D) Either II or III and I follow.

57. The second figure in the first part of the problem figures bears certain relationship to the first figure. Similarly, one of the figures of answer figures bears the same relationship to the first figure of the second part. You have to select a figure from the set of answer figures which would replace the question mark (?).

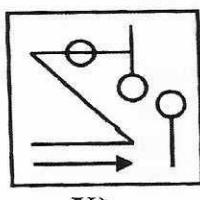
Problem Figure



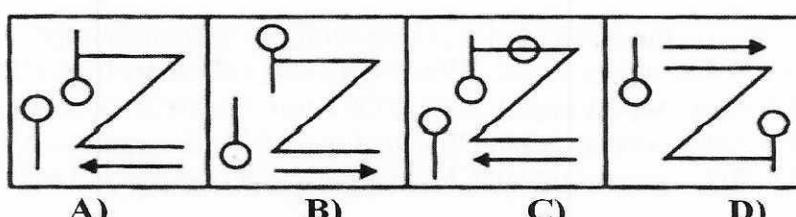
Answer Figure



58. Choose the correct mirror – image of the fig. (X) from amongst the four given alternatives.



X)



59. The six faces of a solid cube have been painted in different colours. The top of the cube is painted Red and the bottom is painted White. The rest of the four faces have been painted Yellow, Blue, Green and Pink respectively in clockwise direction. The cube is now turned in such a manner that Blue face is at the top. What will be the colour of the bottom face?
 A) Pink B) White C) Yellow D) Green

60. Below are given a set of analogies. Which of these analogies are appropriate?
 I) Ocean : Pacific :: River : Nile II) Pedology : Soil :: Demography : Population
 III) Sky : Cloud :: Canal : Mountain
 A) Only I B) Only II C) Only I and II D) Only II and III

61. Which of the following statement(s) is/are true with regard to computers?
 P: Multitasking refers to a combination of text, graphics, animation, video, music, voice, and sound effects used to communicate a message.
 Q: Thesaurus tool in MS-WORD is used for grammar checking.
 A) P only B) Q only C) Both P and Q D) Neither P nor Q

62. Which of the following statement(s) is/are true with regard to computers?
 P: An unsolicited e-mail message sent to many recipients at once is a spyware.
 Q: With regard to email, bcc: means Blind Carbon Copy.
 A) P only B) Q only C) Both P and Q D) Neither P nor Q

63. Consider the following MS-EXCEL worksheet:

	A	B	C
17	Day	Quantity	Sales Amount
18	Monday	1	234
19	Tuesday	3	144
20	Wednesday	6	367
21	Thursday	5	674
22	Friday	8	1099
23	Saturday	3	233
24			

The value returned by the function `=SUMIFS(C18:C23,B18:B23,">3",C18:C23,">500")` is given by _____.
 A) 1466 B) 2140 C) 1773 D) 26

64. Which of the following statement(s) is/are true with regard to computers?
 P: Pattern of connections between the devices on a network is called Topology.
 Q: "http" you type at the beginning of any web site's address stands for Hyper Text Transfer Protocol.
 A) P only B) Q only C) Both P and Q D) Neither P nor Q

65. Which of the following statement(s) is/are true with regard to computers?
 P: In computer networking, IPv6 uses 128-bit number for IP addresses.
 Q: INTERNET is an interconnected network, usually one that uses the TCP/IP protocol set, and does not extend beyond the organization that created it.
 A) P only B) Q only C) Both P and Q D) Neither P nor Q

66. What is the technological advancement that made it possible for computers to become as small as they are today?
 A) Repeater B) Vacuum tube C) Transistor D) Silicon chip

67. The data in a digital computer is stored in terms of bits/bytes where one PetaByte is equal to:
 A) 2^{43} bits B) 2^{50} bits C) 2^{53} bits D) 2^{60} bits

68. Which is the correct order of operations for system startup?
 A) Power supply signal, BIOS POST test, OS kernel load, CMOS comparison
 B) Power supply signal, BIOS POST test, CMOS comparison, OS kernel load
 C) Power supply signal, OS kernel load, CMOS comparison, BIOS POST test
 D) Power supply signal, CMOS comparison, OS kernel load, BIOS POST test

82. In a three digit number, the digit in the units place is four times the digit in the hundreds place. If the digit in the units place and the tens place are interchanged, the new number so formed, is 18 more than the original number. If the digit in the hundreds place is one-third of the digit in the tens place, what is 25% of the original number?
 A) 67 B) 84 C) 137 D) Couldn't be determined

83. The average weight of 4 men A, B, C, and D, is 67 kg. The 5th man E is included and the average weight decreases by 2 kg. A is replaced by F. The weight of F is 4 kg more than E. Average weight decreases because of the replacement of A and now the average weight is 64 kg. Find the weight of A.
 A) 78 kg. B) 66 kg. C) 75 kg. D) 58 kg.

84. A, B, and C get Rs.5400 for doing a work in 36 days. A and C get Rs.1880 for doing the same work in 20 days while B and C get Rs.3040 for doing the same work in 40 days. Find the amount received by C per day.
 A) Rs.50 B) Rs.25 C) Rs.30 D) Rs.20

85. A train travelling at 48 km/hr. completely crosses an another train having half length of first train and travelling in opposite directions at 42 km/hr. in 12 seconds. It also passes a railway platform in 45 seconds. The length of the platform is
 A) 400 metre B) 450 metre C) 560 metre D) 600 metre

86. The expenses on wheat, meat, and vegetables of a family are in the ratio 12 : 17 : 3. The prices of these articles are increased by 20%, 30%, and 50%, respectively. The total expenses of the family on these articles are increased by
 A) $23\frac{1}{3}\%$ B) $28\frac{1}{8}\%$ C) $27\frac{1}{8}\%$ D) $25\frac{1}{7}\%$

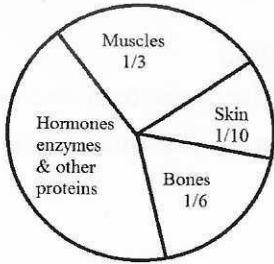
87. Due to 25% fall in the rate of eggs, one can buy 2 dozen eggs more than before by investing Rs.200. What was original rate per dozen?
 A) Rs. $\frac{200}{6}$ B) Rs. $\frac{300}{7}$ C) Rs. $\frac{400}{6}$ D) Rs. $\frac{700}{5}$

88. Jaggi invested certain sum in three different schemes P, Q and R with the rates of interest 10% per annum, 12% per annum and 15% per annum, respectively. If the total interest accrued in 1 year was Rs.3200 and the amount invested in scheme R was 150% of the amount invested in scheme P and 240% of the amount invested in scheme Q, what was the amount invested in scheme Q?
 A) Rs.8000 B) Rs.9000 C) Rs.5000 D) Rs.3050

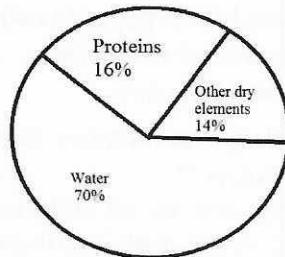
89. In a series of 10 observation, the algebraic sum of deviations from 15 is -7. Thus the mean is
 A) 14.3 B) 8 C) -0.7 D) 22

90. In a batch of 13 students 4 have failed. The marks of the successful candidates were 41, 57, 38, 61, 36, 35, 71, 50 and 40. Find the median marks:
 A) 40 B) 50 C) 41 D) 38

Directions (Q91 & 92) : Study the following graphs carefully and answer the questions



Distribution of Proteins in Human Body



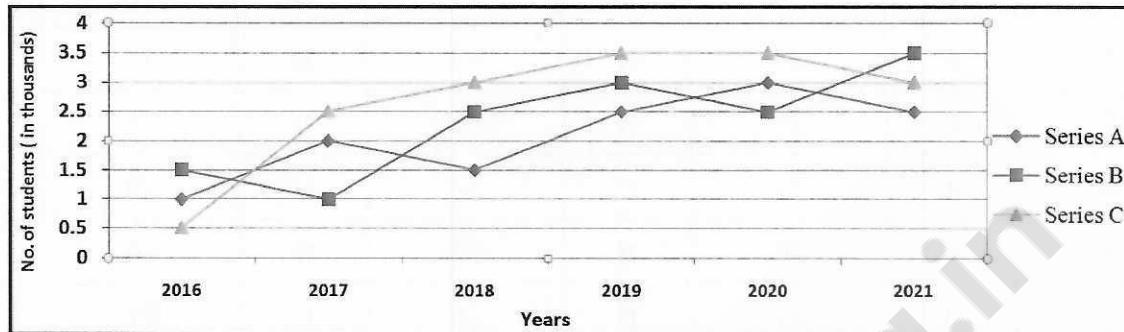
Distribution of Elements in Human Body

91. To show the distribution of proteins and other dry elements in the human body, the arc of the circle should subtend at the centre an angle of :
 A) 54° B) 126° C) 108° D) 252°

92. What percent of total weight of human body is equivalent to the weight of the proteins in skin in human body?

A) 0.016 B) 0.16 C) 1.6 D) Data inadequate

93. The following line graph shows the number of students (in thousands) in three schools A, B & C over the years from 2016 to 2021. What was the difference between the total number of students in all the schools together in the year 2017 and the number of students in school B in the year 2019?



A) 2000 B) 3000 C) 3500 D) 2500

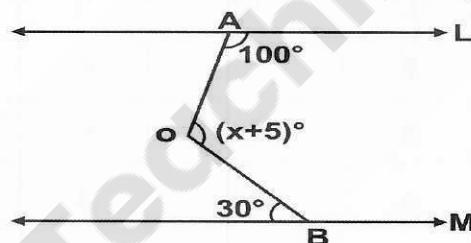
94. A box contains 3 Red & 7 white balls. One ball is drawn at random and in its place a ball of other colour is put in the box. Now one ball is drawn at random from the box. Find the probability that it is red.

A) 0.06 B) 0.28 C) 0.34 D) 0.0168

95. Shantanu's cap is in the form of a right circular cone of base radius 7 cm and height 24 cm. Find the area for the sheet required to make 5 such caps.

A) 5000 sq.cm B) 2750 sq.cm C) 3000 sq.cm D) 2700 sq.cm

96. In the given figure, if $L \parallel M$ find the value of X in degree.



A) 105° B) 100° C) 110° D) 115°

97. There are two inlets A and B connected to a tank. A and B can fill the tank in 16 hours and 10 hours respectively. If both the pipes are opened alternatively for 1 hour, starting from A, then how much time will the tank take to be filled?

A) $13\frac{1}{4}$ hrs. B) $11\frac{6}{8}$ hrs. C) $12\frac{2}{5}$ hrs. D) $12\frac{1}{4}$ hrs.

98. A sum of money lent at compound interest for 2 years at 20% per annum would fetch Rs.964 more, if the interest was payable half yearly than if it was payable annually. What is the sum?

A) Rs.40000 B) Rs.60000 C) Rs.90000 D) Rs.500000

99. Evaluate $\frac{1}{6} \times \sqrt{41 - \sqrt{21 + \sqrt{19 - \sqrt{9}}}}$

A) 6 B) 4 C) 1 D) 9

100. Arun and Dhiraj together have Rs. 285. If $2/3^{\text{rd}}$ of money with Arun is equal to $3/5^{\text{th}}$ of money with Dhiraj, then what is the money with Arun?

A) Rs.150 B) Rs.200 C) Rs.85 D) Rs.135



Chandigarh Housing Board
Post: Clerk
Answer Key A-Series : 05.03.2023 (Sunday)

Q.No.	Ans	Q.No.	Ans	Q.No.	Ans	Q.No.	Ans
1	B	26	D	51	A	76	C
2	C	27	A	52	B	77	A
3	C	28	A	53	B	78	A
4	A	29	C	54	C	79	B
5	D	30	B	55	D	80	C
6	B	31	B	56	C	81	D
7	A	32	D	57	B	82	A
8	B	33	C	58	C	83	B
9	B	34	C	59	A	84	D
10	A	35	C	60	C	85	A
11	C	36	D	61	D	86	B
12	D	37	C	62	B	87	A
13	C	38	B	63	C	88	C
14	C	39	A	64	C	89	A
15	D	40	A	65	A	90	D
16	B	41	B	66	D	91	C
17	A	42	D	67	C	92	C
18	A	43	C	68	B	93	D
19	B	44	A	69	C	94	C
20	A	45	D	70	C	95	B
21	C	46	B	71	C	96	A
22	A	47	C	72	B	97	C
23	D	48	D	73	A	98	A
24	B	49	A	74	C	99	C
25	B	50	C	75	B	100	D