cut here -- परीक्षा की पूर्ति पर यहाँ काटें -- cut here on completion of exam

THIS SHEET TO BE DETACHED / TORN OFF AND RETAINED BY INVIGILATOR ON COMPLETION OF EXAM / परीक्षा की पूर्ति पर इस पन्ने को अलग करके / काटके निरीक्षक द्वारा रखा जाए

Duration : (1 $\frac{1}{2}$ Hours / 90 Minutes) समय : (1 $\frac{1}{2}$ घंटे / 90 मिनट)	Exam Code : परीक्षा कोड : **SLT004**
No. of Pages / पृष्ठों की संख्या : **172**	Total Marks / कुल अंक : **100**
Roll No. : अनुक्रमांक :	Question Booklet No. प्रश्न पुस्तिका संख्या : **1001000**
Date of Examination : परीक्षा तिथि :	OMR Answer sheet No. OMR उत्तर शीट क्र.
Candidate's Name / परीक्षार्थी नाम	Candidate's Signature / परीक्षार्थी हस्ताक्षर
*** As given in application form / आवेदन पत्र में दिये गये ***	

CANDIDATE SHOULD OPEN THE SEALS ONLY AFTER THEY ARE ASKED TO DO SO.
परीक्षार्थी निर्देश मिलने पर ही सील खोलें।

The question paper is made up of the following sections as tabulated below :
निम्न तालिका में दर्शाये अनुसार, इस प्रश्न पत्र को निम्नलिखित भागों में विभाजित किया गया है :

Section/भाग	Language/भाषा	No. of questions/प्रश्नों की संख्या	Pages/पृष्ठ	
			From/से	To/तक
Section-I	English	100	14	27
Section-II	Hindi / हिन्दी	100	28	41
Section-III	Urdu / उर्दू	100	42	55
Section-IV	Assamese / असमीस	100	56	69
Section-V	Bengali / बेंगाली	100	70	83
Section-VI	Manipuri / मणिपूरी	100	84	97
Section-VII	Odia / ओडिया	100	98	111
Section-VIII	Telugu / तेलुगू	100	112	125
Section-IX	Marathi / मराठी	100	126	139
Section-X	Gujarati / गुजराती	100	140	153
Section-XI	Kannada / कन्नडा	100	154	167

English Paragraph : "All the details given by me in the Application Form are true and complete to the best of my knowledge. I understand that I may be issued with Call letter for the exam on the basis of above information and mere issue of Call letter will not confer on me any right to be eligible for the post. I also understand that in case any of my statements are found to be untrue at any stage of recruitment or thereafter, I shall be disqualified forthwith for the post applied for and I shall be liable for any other penal action under the extant rules".

हिन्दी पैराग्राफ : "आवेदन पत्र में मेरे द्वारा दिया गया सभी विवरण मेरी अधिकतम जानकारी के अनुसार सत्य और पूर्ण है । मैं समझता/समझती हूं कि मुझे परीक्षा के लिए उपर्युक्त सूचना के आधार पर बुलावा पत्र जारी किया जाएगा और केवल बुलावा पत्र जारी करना पद के लिए पात्र होने का मुझे कोई अधिकार नहीं देता है । मैं यह भी समझता/ समझती हूं कि यदि मेरा विवरण भर्ती के किसी चरण पर या तत्पश्चात् असत्य पाया जाता है, तो मैं आवेदित पद के लिए तत्काल निर्हरक हो जाऊंगा/जाऊंगी और मुझ पर लागू नियमों के तहत कोई अन्य दंडात्मक कार्रवाई की जाएगी"

Signature of the Invigilator / निरीक्षक के हस्ताक्षर

INSTRUCTIONS

(Please read carefully and comply)

1. Kindly read the complete set of instructions carefully and also see the instructions on the back side of the OMR Answer Sheet and fill the details in the OMR Answer Sheet and Question Booklet.

2. One paragraph each in Hindi and English is given in page 1. Copying of the paragraph in the space provided in the OMR Answer sheet (in the language as filled in the application form either in Hindi or English) in your running hand is compulsory. **DO NOT** USE BLOCK LETTERS.

3. (a) **Question Booklet Serial No.** must clearly be written and marked in the bubbles in the space provided in the OMR Answer Sheet.

   (b) OMR Sheet No. should be written in the space provided in the Question Booklet.

4. **After being instructed to open the Booklet**, the candidates will **open the seals**. It is the responsibility of the candidate to check and ensure that the booklet contains 100 questions and start the paper from page No. 14.

5. The question paper comprises 100 questions. "**Q. Nos. 1 to 30** (both inclusive) shall be in Hindi only", "**Q. Nos. 31 to 50** (both inclusive) shall be in English only", "**Q. Nos. 51 to 100** shall be available in congruent versions of English, Hindi, Urdu, Assamese, Bengali, Manipuri, Odia, Telugu, Marathi, Gujarati, and Kannada languages. **In case of any doubt or confusion, English version shall prevail.**

6. All Questions are of Objective type. There is only one correct answer to each question carrying one mark. There will be negative marking for wrong answers. **For every wrong answer, 1/3 mark will be deducted.**

7. In the event of any mistake in any question/s, candidates will not be penalized. However no corrections will be made in question/s during the examination.

8. You must use **Blue or Black ball-point pen only** for answering. Altering of answers once entered is not permissible. Enter the answers in the Answer Sheet carefully.

9. Rough work, if any may be done in the Question Booklet only in the space provided at the end of the Booklet. No additional paper shall be provided.

10. Use of Log tables, Calculator, Slide rule, Mobile phone, Pager, Digital diary or any other electronic item / instrument etc. is not allowed. Their use will result in disqualification.

11. No candidate should leave the examination hall before the final bell. The top sheet of the Question Booklet as well as the Answer Sheets, both original and duplicate should be handed over together to the invigilator before leaving the Examination Hall. Candidate may however take the Question Booklet with him after the invigilator has torn and taken the top sheet of the Question Booklet.

1. निम्न विकल्पों में से अच्छा का विलोम चुनिये –

(A) गंदा (B) बुरा (C) खराब (D) भ्रष्ट

2. गंगा का पर्यायवाची चुनिए –

(A) कल्याणी (B) कुमारी (C) सरसी (D) देवपगा

3. भुवन शब्द का समानार्थी चुनिये –

(A) विशालकाय (B) महल (C) लोक (D) महान

4. दिये गए वाक्य में जो रेखांकित शब्द है, उसका समानार्थी चुनिए –

पिछले माह ही तो वो यहाँ आया था!

(A) गत (B) पूर्व (C) पहले (D) पिछड़े

5. प्रेम शब्द का विलोम क्या होगा?

(A) घृणा (B) द्वेष (C) ईर्ष्या (D) प्रतिशोध

6. निम्न में से कौन सा विकल्प कोयल का पर्यायवाची नहीं है –

(A) कोकिला (B) लोचन (C) सारिका (D) वनप्रिया

7. निम्न विकल्पों में कौन सा विकल्प गज का पर्यायवाची नहीं है?

(A) हाथी (B) हस्ती (C) मतंग (D) गणपति

8. नीचे दिए गए शब्दों में जो विकल्प आश्चर्य का समानार्थी नहीं है, वह चुनिये।

(A) अचंभा (B) अचरज (C) अद्‌भुत (D) विस्मय

9. पराजय शब्द में उपसर्ग क्या है?

(A) प (B) पर् (C) पर (D) परा

10. उपसर्ग शब्द का क्या अर्थ है?

(A) अपशगुन

(B) वह पदार्थ जो कोई पदार्थ बनाते समय संयोगवश बन जाता है

(C) शब्द के उस भाग को उपसर्ग कहते हैं जो शब्द के आरंभ में लगकर उसके अर्थ का विस्तार करता है

(D) ऊपर दिये तीनों अर्थ सही हैं

11. मूल शब्द-लेख्, पाठ्, गै के साथ 'आक' प्रत्यय का प्रयोग करने से ये शब्द ——— बन जाते हैं –

(A) संज्ञा (B) सर्वनाम (C) क्रिया (D) विशेषण

12. तामसिक शब्द का विलोम चुनिये।

(A) कुंठित (B) विषाक्त

(C) साहसिक (D) सात्विक

13. सुरेन्द्र शब्द का संधि-विच्छेद कीजिए।

(A) सुर + इन्द्र (B) सुरा + इन्द्र

(C) सुर + एंद्र (D) सुर + ईन्द्र

14. अध्यापन शब्द में उपसर्ग क्या है?

(A) अ (B) अध् (C) अधि (D) अन

15. मूल शब्द-छल, बढ़, घट के साथ कौन सा प्रत्यय लगाया जाता है?

(A) तः (B) आवा (C) इया (D) इयल

16. धातु पाठ् के साथ कौन से प्रत्यय का प्रयोग नहीं होता?

(A) अक (B) अन

(C) आई (D) तीनों का प्रयोग होता है

17. नया शब्द का तत्सम क्या होगा?

(A) नव्य
(B) नग्न
(C) नूतन
(D) नव

18. 'दांत काटी रोटी होना' से क्या अभिप्राय है?

(A) बहुत गरीब होना
(B) लडाई करना
(C) लडाई में हरा देना
(D) घनिष्ठ मित्रता होना

19. 'गंगा-नहाना' से क्या तात्पर्य है?

(A) कठिन कार्य को पूरा करना
(B) साफ और स्वस्थ रहना
(C) अपने ऊपर लगे दोष को दूर करना
(D) अपना दायित्व पूरा करके निश्चिंत होना

20. सदैव शब्द का संधि-विच्छेद कीजिए।

(A) सत् + एव
(B) सद् + एव
(C) सदा + एव
(D) सदा + ऐव

21. संस्कृत भाषा के शब्द जो बिना किसी परिवर्तन के हिंदी भाषा में बोले जाते हैं, उन्हें ———— कहते हैं।

(A) तत्सम
(B) तद्भव
(C) शुद्ध
(D) पराकृत

22. 'कौवा चला हंस की चाल' लोकोक्ति का क्या अर्थ है?

(A) भेस बदलकर चलना
(B) औकात से अधिक दिखावा करना
(C) अपने गलत कर्म को छुपाना
(D) सुंदर दिखने के उपाय करना

23. निश्छल शब्द का संधि-विच्छेद कीजिए।

(A) नित् + छल
(B) नि: + छल
(C) निश् + छल
(D) निष् + छल

24. 'उसके व्यसन व उसकी तुटियाँ ही उसे ले डूबीं।'

I II III IV

उक्त वाक्य में किस शब्द में गलती है?

(A) I (B) II (C) III (D) IV

25. 'जिसका नाम सबसे पहले लिया जाता हो' के लिये एक शब्द चुनिये –

(A) सर्वोपरि (B) अग्रणी

(C) आदरणीय (D) अग्रगण्य

26. 'जिस पर अपराध का आरोप हो' इसके लिए एक शब्द है –

(A) अभीक्त (B) अभियुक्त

(C) अभिशक्त (D) अभिरिक्त

27. 'आचार इतना खट्टा था कि वह खा न सका।'

I II III IV

उक्त वाक्य में किस शब्द में गलती है?

(A) I (B) II (C) III (D) IV

28. अधजल गगरि छलकत जाए।

I II III IV

उक्त वाक्य में किस शब्द में गलती है?

(A) I (B) II (C) III (D) IV

29. इस शब्द समूह के लिए एक शब्द चुनिये –

'जो माँस नहीं खाता'

(A) सामिष (B) निरामिष

(C) मानुष (D) अमानुष

30. नींद शब्द का तत्सम शब्द चुनिए।

(A) नींद्र (B) नीद्रा

(C) निद्रा (D) निंद्रा

Translate the following and choose the correct option : (31-32)

31. Religion is a matter of faith.

(A) धर्म में विश्वास ही तत्व है।
(B) धर्म विश्वास का विषय है।
(C) धर्म के विषय में विश्वास है।
(D) विश्वास धर्म का तत्व है।

32. Guru told him to remove anger and ego from his mind.

(A) गुरु ने उसे क्रोध और लालच अपने मन से निकालने को कहा।
(B) गुरु ने उसे क्रोध और वासना निकालने को कहा।
(C) गुरु ने उसे क्रोध और अहंकार निकालने को कहा।
(D) गुरु ने उसे अपने मन से क्रोध और अहंकार निकालने को कहा।

33. What is the meaning of 'have an axe to grind'?

(A) have a selfish reason for saying or doing something
(B) have to upgrade ones skills
(C) have to mobilize resources
(D) have a lot of work to do

34. By adding 'ly' in the word courageous, the word is converted to a

(A) noun (B) verb (C) suffix (D) adverb

35. In which of the following words the letters 'un' are not a prefix :

(A) untidy (B) under (C) undo (D) uncouth

36. Intelligent, Brilliant, Sharp, Sincere
I II III IV

Which of the above has a different meaning than the other three?

(A) I (B) II (C) III (D) IV

37. Which of the following is the antonym of the word 'Discreet'?

(A) Direct (B) Indiscreet (C) Undiscreet (D) Adiscreet

38. ———— apple a day keeps ———— doctor away.

Fill in the correct articles.

(A) An, a (B) An, the (C) A, a (D) A, the

39. Fill in the blank with a pronoun :

Gita was caught in ———— own web of logic.

(A) it's (B) her (C) their (D) slowly

40. Ramesh asked immediately he to notify it.

1 2 3 4 5 6 7

What will be the correct sequence of words to make a grammatically correct sentence?

(A) 4231567 (B) 1234567 (C) 1243567 (D) 4215673

41. Fill in the blank :

Is there anybody ———— the sun who can sprint faster than Bolt?

(A) in (B) on (C) under (D) below

42. Choose the correct tense :

Having ———— with his own eyes, he decided to confront Utkal.

(A) saw (B) see (C) been seen (D) seen

43. Country is above our law in nobody.

1 2 3 4 5 6 7

Arrange above words to make a correct sentence.

(A) 7234561 (B) 4523761 (C) 7235641 (D) 1652347

44. Convert the following sentence to passive voice :

I have finished the work!

(A) The work has finished me!

(B) The work has finished by me!

(C) The work is being finished by me!

(D) The work has been finished by me!

45. Consider the sentence :

Beats me how he reached before us.

What is the meaning of phrase 'Beats me'?

(A) I have reconciled as to
(B) He will have to explain
(C) I have no idea
(D) None of these

46. Brian Green is a famous author who has been widely read.

1 2 3 4

Choose Adjective (Aj) and Adverb (Av) from the statement.

(A) Aj–2, Av–3 (B) Aj–1, Av–3 (C) Aj–1, Av–4 (D) Aj–3, Av–2

47. Out of the following, which sentence has correct punctuation?

(A) You are Girish aren't you?
(B) You are Girish, Aren't you?
(C) You are Girish, aren't you?
(D) You are Girish. "Aren't you?"

48. Convert the sentence into passive voice :

She will give you all the notes.

(A) You will give her all the notes
(B) You will be give by her all the notes
(C) You will be given by her all the notes
(D) You had been given by her all the notes

49. Choose Adverb from the statement.

Cold winds were blowing wildly.

1 2 3 4

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

50. Which of the following sentence is correct?

(A) We reached there first, didn't we?
(B) We reached there first. Don't we?
(C) We reached there first, isn't it?
(D) We reached there first, is it?

51. Recently crores of bank accounts have been opened also providing insurance to poor people under :

(A) MNREGA
(B) Vajpayee Grameen Yojna
(C) Pradhan Mantri Khata Beema Yojna
(D) Pradhan Mantri Jan Dhan Yojna

52. In a series 1, 2, 3, 4, 5 ....., multiples of 2, 3, 4 and 5 are deleted from the series. In the remaining series, what will be the first number greater than 50?

(A) 51 (B) 53 (C) 57 (D) 59

53. If vowels (a, e, i, o and u) are removed from the 26 letters of English alphabet, which letter will be in the middle?

(A) L (B) M (C) N (D) P

54. Out of the following four words, which one would be last in the English Dictionary?

(A) Expound (B) Export (C) Exposure (D) Expose

55. In a certain code, if AEI is coded as EIO and BCD as CDF, then BURNER is coded as

(A) CVSMFS (B) CVSOFS (C) CASPFS (D) CASPIS

56. If SAND is coded as BRICK, BRICK as HOUSE, HOUSE as TEMPLE and TEMPLE as PALACE, then where did the king live?

(A) HOUSE
(B) TEMPLE
(C) PALACE
(D) None of these

57. If a shopkeeper gives a candy for Rs. 5 and also a candy for 2 wrappers of the same candy, then for Rs. 40 how many candies can a child eat?

(A) 8 (B) 12 (C) 14 (D) 15

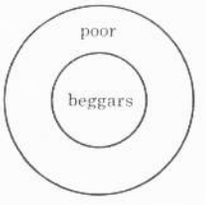
58. If 'KRN' means 'Callous Collision Life': 'RTP' means 'Life Very Sad': 'NPD' means 'Collision sad future', then what is the code for 'Callous'?

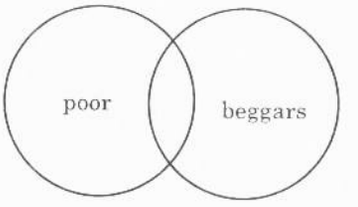
(A) R (B) N (C) K (D) P

59. Spot the odd one out :

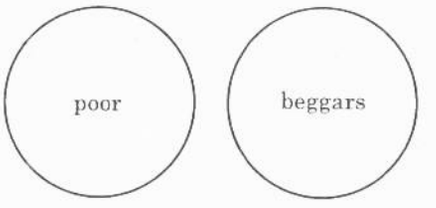
(A) Soldier (B) Tank (C) General (D) War

60. Which of the following Venn diagrams will illustrate the following sentence : "Some Beggars are not poor and not all poor people are beggars"?

(A) 

(B) 

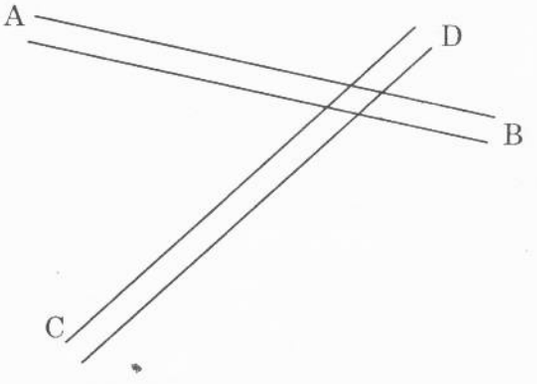
(C) 

(D) 

61. A lady pointing to a woman in the photograph says. 'She is the only daughter of my Father in law'. How is the woman related to the lady?

(A) Sister-in-law (B) Daughter-in-law

(C) Mother (D) Aunt

62. 

AB and CD are two lanes, each measuring 60 Km. Their crossing is 50 Km from C and 20 Km from B. If two cars start at the same time from points A and C, What should be the ratio of their average speeds, so that they reach the crossing at the same time?

(A) 5:4 (B) 2:3 (C) 2:5 (D) 4:5

63. Consider the following series :

a_b_ab_b_bbb

What should be filled in the four blanks so as to make it a repetitive series?

(A) abab (B) bbab (C) bbba (D) abbb

64. A train goes from station X to station Y at an average speed of 80 kmphr. At what average speed should it return so that the average speed of whole journey (from X to Y to X) is 90 kmphr

(A) 98.24 kmphr (B) 100 kmphr
(C) 102.86 kmphr (D) 104.34 kmphr

65. A person has annual income of Rs. 8,40,000. He gets standard rebate of Rs. 1,50,000 for calculation of income tax. Tax slabs are as follows :

10% tax upto Rs. 2 lakhs of taxable income

20% tax from Rs. 2 lakhs to Rs. 5 lakhs of taxable income

30% tax above Rs. 5 lakhs, of taxable income

Calculate the amount of income tax payable

(A) Rs. 1,87,000 (B) Rs. 1,18,000 (C) Rs. 98,000 (D) Rs. 1,37,000

66. Todar Mal worked in the court of Akbar. He was associated with

(A) Law (B) Land reforms
(C) Music (D) Literature

67. Money bill can be introduced in the state legislature with the prior consent of

(A) Speaker (B) Chief minister
(C) Governor (D) President

68. In economics the term 'Elasticity of Demand' means

(A) Increase in demand according to publicity
(B) Change in demand with population
(C) Change in demand as per supply
(D) Change in demand as per price

69. Monitory policy is controlled by

(A) Reserve Bank of India (B) Central Bank of India
(C) State Bank of India (D) Bank of India

70. What portion of Earth's surface is approximately covered by oceans?

(A) 10% (B) 50% (C) 70% (D) 90%

71. Mc Mohan line demarcates the boundary between India and ————

(A) Pakistan (B) China
(C) Nepal (D) Bangladesh

72. Pick the odd one out :

(A) Sky (B) Earth (C) Mars (D) Venus

73. Teacher : School : Teaching :: Trader : Shop :

(A) Articles (B) Selling (C) Customers (D) Discounts

74. Steel is related to Steel Plant in the same way as Wheat is related to

(A) Rain (B) Godown (C) Field (D) Sky

75. Find the next number in series :

2, 2, 5, 7, 11, 22, 23, 67, ————————

(A) 68 (B) 71 (C) 73 (D) 47

76. Mohit is older than Sanjay but Sanjay is younger to Naveen. Shyam is older than Mohit but younger to Rishi. Who is second oldest of them all?

(A) Rishi (B) Shyam (C) Mohit (D) Can't say

77. Six people Falguni, Eklavya, Chandra, Bhaskar, Damodar and Ajay are sitting on a round table. Falguni is third to the left of Bhaskar. Ajay is fourth to the left of Chandra, Damodar is between Chandra and Falguni and Eklavya is between Ajay and Falguni who is sitting opposite to Eklavya?

(A) Chandra (B) Ajay (C) Damodar (D) Falguni

78. A remote controlled drone is made to go 5m high from starting point. Then it is successively moved. 5m forward, 10 m right and 10 m forward. What is its arial distance from the starting point?

(A) 30 m (B) $\sqrt{325}$ m (C) 35 m (D) $\sqrt{350}$ m

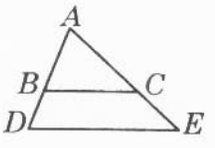
79. In a class of 40 students Rohit ranks 7^{th} from top and Kushal ranks 20^{th} from bottom. How many students are ranked between Rohit and Kushal?

(A) 11 (B) 12 (C) 13 (D) 14

80. Relationship between °C (Centigrade) and °F (Fahrenheit) is $C \times \frac{9}{5} + 32 = F$. Normal temperature of a human body is 98.6°F. In term of °C, it is :

(A) 37°C (B) 37.2°C (C) 37.6°C (D) 37.8°C

81. Consider the following figure



Given BC is parallel to DE

Which of the following is true?

(A) $\frac{AB}{BC} = \frac{BD}{DE}$ (B) $\frac{\text{Area } \Delta\ ABC}{\text{Area } \Delta\ ADE} = \frac{BC}{DE}$

(C) $\frac{AB}{BC} = \frac{AD}{DE}$ (D) Angle A = Angle D

82. $C(n, r) = \frac{n\,!}{r\,!\,(n-r)!}$. Find the value of $C\,(9, 3)$

(A) 24 (B) 28 (C) 84 (D) 112

83. A set of 3 simultaneous equations in 3 variables may have

(A) No solution (B) A unique solution

(C) Infinite solutions (D) All the above are possible

84. Intersection of a plane and a cone is

(A) Circle (B) Parabola

(C) Hyperbola (D) May be any of the above

85. On a shirt of Rs. 500 a shop is giving successive discounts of 50%, 30% and 20%. What is the final selling price of the shirt?

(A) Rs. 50 (B) Rs. 140 (C) Rs. 180 (D) Rs. 200

86. Who was the town planner of Chandigarh?

(A) Christopher Wren (B) Charles Correa

(C) Edward Lutyens (D) Le Corbusier

87. Following are the layer's of Earth's atmosphere

1. Thermosphere
2. Troposphere
3. Mesosphere
4. Stratosphere

Arrange them in the order of closest to Earth's surface, to farthest

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

88. Ancestors of Humans, Australopithecus and Homo habilis have been traced to which continent?

(A) Asia (B) Australia

(C) South America (D) Africa

89. A technique of anonymous communication over a computer network in which messages are encrypted in several layers and sent through several nodes, is called ————————

(A) Coded messages (B) Onion routing

(C) Cabbage coding (D) Cabbage routing

90. Tender refers to

(A) An offer (B) An invitation to offer

(C) A counter offer (D) A contract

91. Decrease in rate of interest by RBI results in ————————

(A) Increase in lending rate by banks (B) Discouraging investments

(C) Encouraging investments (D) None of these

92. Who won the World Chess Championship 2014?

(A) Magnus Carlsen (B) Vishwanathan Anand

(C) Garry Kasparov (D) Vladimir Kramnik

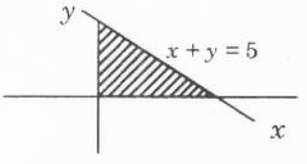
93. A famous personality V. Srinivas passed away at the young age of 45 years. He was famous as a

(A) Author (B) Choreographer

(C) Mandolin player (D) Film actor

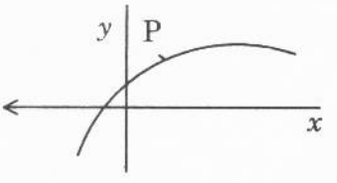
94. Average age of 5 students of a class is 15 years. What will be their average age after 5 years?

(A) 15 years (B) 16 years (C) 17.5 years (D) 20 years

95. 

In the graph above, what is the area of shaded region?

(A) 12.5 (B) 15 (C) 22.5 (D) 25

96. Consider the graph 

$\frac{d^2y}{dx^2}$ at point P is

(A) + Ve (B) – Ve

(C) Zero (D) Can't say. Depends upon the equation

97. A cycle tyre has circumference C. While cycling its tyre slips by a fraction s. For covering a distance D, number of turns of cycle tyre that would be required are

(A) $\frac{D}{Cs}$ (B) $\frac{D}{C(1-s)}$ (C) $\frac{D(1-s)}{C}$ (D) $\frac{Ds}{C}$

98. A quadratic equation has sum of its roots equal to $-a$ and product of its root, equal to b. The quadratic equation is

(A) $ax^2 + bx + c = 0$ (B) $x^2 + ax + b = 0$

(C) $x^2 - ax + b = 0$ (D) $x^2 + bx + a = 0$

99. Guru can complete a piece of work in 10 days. Ram and Shyam are 50% faster in doing that work, compared with Guru. In how many days can all three of them finish the work together?

(A) $2\frac{1}{2}$ days (B) 3 days (C) $3\frac{1}{3}$ days (D) 4 days

100. One-third of 30% of 50 is greater than one-fourth of 16% of a number by 2.6. Two-third of that number is

(A) 10 (B) 20 (C) 30 (D) 40